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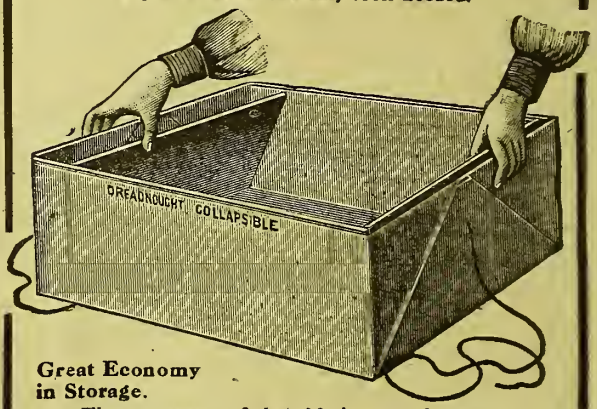

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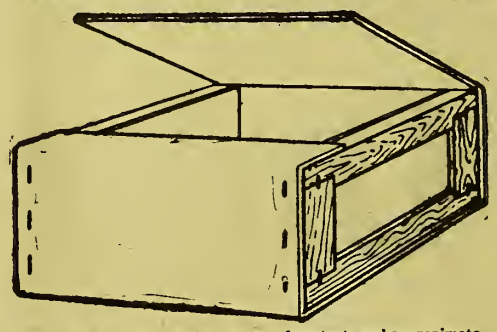

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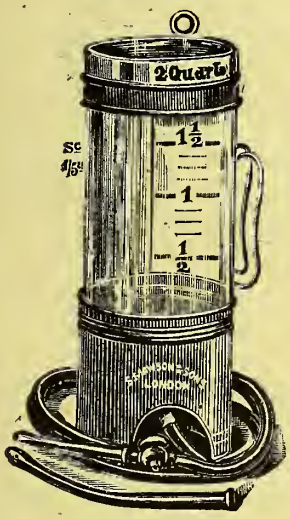

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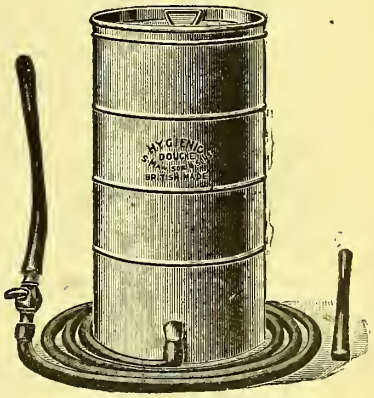

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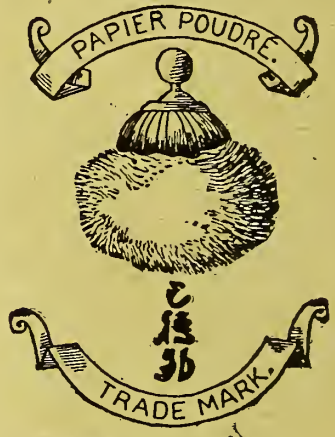

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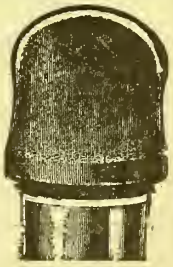

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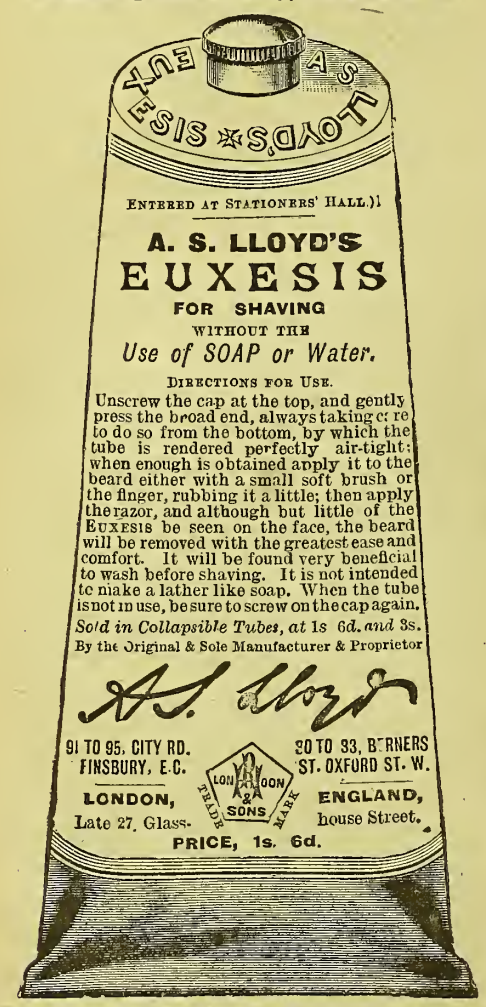

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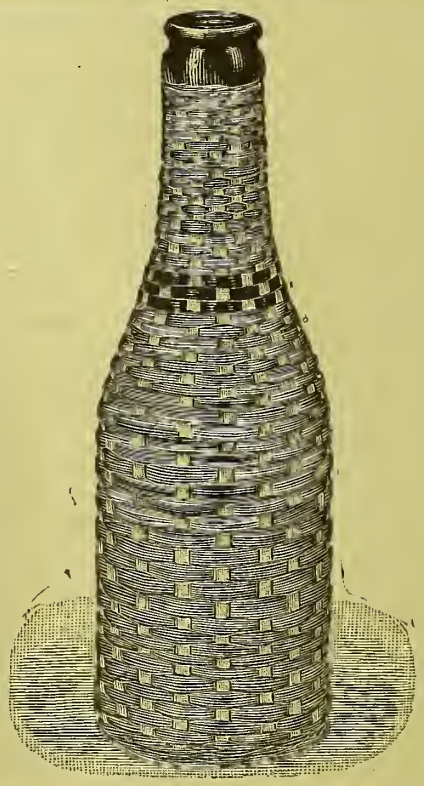

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NO GREASE OR LIQUID.
NON-POISONOUS.

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we give six 1/- pots gratis.

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In Decorated Tubes, size 4″×1″, **51/-** gross.

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LIME CREAM, inseparable.
3 oz. @ **30/-** gross; 4 oz. @ **39/-** gross;
6 oz. @ **57/-** gross; 8 oz. @ **75/-** gross;
20 oz. @ **168/-** gross; 40 gall. @ **6/-** gall.

HAIR CREAM, non-oily.
4 oz. @ **78/-** gross; 6 oz. @ **108/-** gross.
8 oz. @ **132/-** gross.

TOOTH POWDER, "Rose Carbolic."
9/- and **14/-** gross; Bulk **65/6** cwt.

STOKES & CO., LTD.
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Good Design and Quality.

"THE FLAG," Cartoned **30/-** gross.

"CREAM OF ROSES," Decorated Tin in four colours, Rose design on Cream ground, **60/-** gross.

ALUMINIUM HOLDER AND FINGER PROTECTOR . 90/- gross.

TABLET, Cartoned . **30/-** gross.

Sample of each for stamps 1/6.

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BRITISH WAX REFINING
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Slabs, Bars, Tablets or Discs

CERESINE WAX
Bleached Carnauba Wax
Carnauba Wax Residues

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There will be a *large* trade in *Vegetable* Seeds this year, and Chemists should take advantage of it.

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COLD CREAM (in Tubes).
Quality 1. 3/-, 3/6 and 5/6 doz. In Bulk, 1/2 lb. Best Quality.
" 2. 2/9, 3/3 and 4/9 " " 9d. lb. "M" "

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2/9, 3/3 and 4/9 doz.

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FORMALIN AND MINT TOOTH PASTE.
In Collapsible Tubes, each in a carton, 4/- doz.

THYMOL TOOTH PASTE. ... " "

WHITECROSS TOOTH POWDER (Two Sizes).
Small, 3/- doz. 3 doz. 2 9 6 doz. 2/6 1 gross 27/-
Large, 4/- " 3 " 3/9 6 " 3/6 1 " 39/-
This is a splendid selling line, having received the Certificate of Merit from the Institute of Hygiene.

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in qualities, white, lemon, yellow and golden, for pharmaceutical purposes.

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DISORDERS of the LIVER, GOUT,

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Two or three Pastilles after each meal facilitate Digestion.

CAUTION.—Each Bottle from the STATE SPRINGS bears a neck label with the words "VICHY-ETAT" and the name of the SOLE AGENTS: IN[illegible]RAM & ROYLE, Ltd., Bangor Wharf, 45 Belvedere Road, LONDON, S.E.

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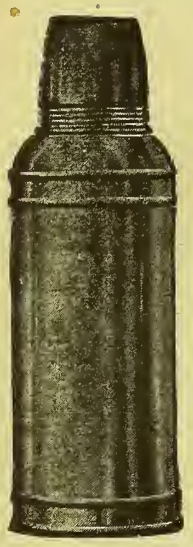

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Refills—Pints, 2/9; quarts, 5/-. Will fit any well-known Flask.

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REAL TURTLE Soup Cubes
"Ready to Serve."

Made from the real rich meat of selected West Indian Turtles—so that real Turtle Soup, once the privilege only of the rich, is now a delicacy easily accessible to every household. No other soup is so nourishing and delicious.

Made in a minute with boiling water.

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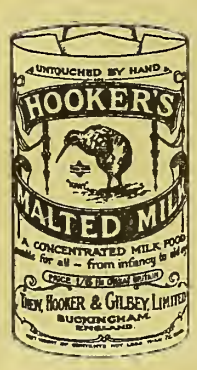

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NUTRITION needed for nerves in neurasthenia and nervous debility in these nerve-wearing and distracting times is amply supplied by SANAPHOS, which is not a one-constituent food, but is replete in tissue-repairing and energy-giving constituents.

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Ammanford, Carm.

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WE HEREBY AGREE to the publication of this apology by Messrs. Burroughs Wellcome and Company, and undertake to respect in future all Trade Marks owned by them.

Dated this 11th day of April, 1917.

(Sgd.) JOHN T. JONES
(Sgd.) GURNOS J. BOUNDFORD

Witness :—
(Sgd.) F. L. Jones
Sunnyside
Penybank
Ammanford

"Rose Buildings," Penybank
Ammanford, Carm.

We, the GLOWCOMPLEX TOILET COMPANY, also trading as Jones and Boundford, HEREBY TENDER our humble apology to Messrs. Burroughs Wellcome and Company for employing in advertisements, cartons, letters, etc., their Trade Mark 'Tabloid,' and regret the trespass upon their Trade Mark rights.

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(Sgd.) GURNOS J. BOUNDFORD

Witness :—
(Sgd.) F. L. Jones
Sunnyside
Penybank
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The Registered Trade Mark

'Tabloid'

is an arbitrarily coined word or brand which designates specifically that goods supplied under this brand are issued by

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THE CHEMIST AND DRUGGIST

A Weekly Journal of Pharmacy and of the Chemical and Drug Trades.
ESTABLISHED 1859.

The CHEMIST AND DRUGGIST is in circulation and reputation the leading journal addressing the Chemical and Drug trades in the British Empire and other countries in the Old and New Worlds. It is the official Journal of many Chemists' Societies in Australia, Ireland, New Zealand, South Africa, and the West Indies.

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Head Office: 42 CANNON STREET, LONDON, E.C. 4.
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Branches: ADELAIDE, MELBOURNE, AND SYDNEY, AUST.

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Coming Events.

This section of the "C. & D." is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Sunday, April 22.

Pharmacists' Volunteer Corps, Duke of York's, Chelsea, at 10 A.M. Parade, followed by lecture on sanitation.

Tuesday, April 24.

West Bromwich Pharmaceutical Association, Mr. Hampton's house, 13 Park Road, West Smethwick, at 8.30 P.M. Mr. W. Marsh Hampton, B.Sc., on "Some Problems of the Atmosphere."

Wednesday, April 25.

Edinburgh Chemists' Trade Association, 36 York Place, at 3 P.M. Addresses by Mr. W. Johnston and Mr. W. L. Currie on "The Proprietary Articles Trade Association and the Chemists' Defence Association."

Pharmacists' Volunteer Corps, 3 Vere Street, W., at 2.30 P.M. Sanitation examination also on April 26 (at Duke of York's) and April 27 (at 3 Vere Street).

Friday, April 27.

Royal Institution of Great Britain, Albemarle Street, Piccadilly, London, W., at 5.30 P.M. Dr. J. Dundas Grant on "The Organs of Hearing in Relation to the War."

Harrogate Pharmaceutical Association. Members' night.

European War News.

Import and Export Notices.

France.—A decree dated March 26, 1917, has been published, which abrogates the provision of the decree of February 12, 1915, in virtue of which vegetable oils, other than castor and pulghera oils, were allowed to be exported or re-exported from France, without special authorisation, when consigned to the United Kingdom. [Castor and pulghera oils were already prohibited to be exported to any destination except under licence.]

Italy.—The Board of Trade are in receipt of telegraphic information from Rome that the importation of all foreign goods into Italy has been prohibited. The prohibition does not apply to goods imported for account of the State, to raw materials for use in manufacture, or to articles of food, and in special cases the decree contains provision for the issue of licences.

Output of High-boiling Tar Acids.

The Army Council has gazetted a notice requiring W. Baird & Co., Ltd., 168 George Street, Glasgow; British Phenoloids Co., Ltd., Gailes Road, Irvine; Carnbroe Chemical Co., Ltd., 14 St. Vincent Place, Glasgow; David Colville & Sons, Ltd., Glengarnock Steelworks, Glengarnock; W. Cooper & Nephews, Kelvindale Works, Lochburn, Maryhill, Glasgow; Killgerm Co., Ltd., Cleckheaton, Yorks; Langloan Iron and Chemical Co., Ltd., Coatbridge; National Tar Products, Ltd., Barrhead; Newton, Chambers & Co., Ltd., Thorncliffe, near Sheffield; Quibell Bros., Ltd., Newark; and Robert Young & Co., Ltd., 38 Elliott Street, Glasgow, as occupiers of the factories and/or workshops specified to place at the disposal of the Army Council the whole output of—

(1) The high-boiling tar acids capable of being produced at the said factories from such blast-furnace creosote oil as may be supplied to them by or on behalf of the Director of Army Contracts between April 16, 1917, and July 15, 1917; and

(2) Such spent oil as may remain over from the manufacture of such high-boiling tar acids.

They are required to deliver such high-boiling tar acids and spent oil in such manner as may be directed, and to furnish to the Director of Army Contracts such information as to the cost of, and profit on, the production of the high-boiling tar acids as he may cause to be required, and to verify the information aforesaid in such manner as he may direct.

Personal.

Mr. G. R. Warner, son of Mr. G. O. Warner, pharmacist, Berkeley (Glos), has been gazetted second-lieutenant in the Wilts Regiment.

Corporal F. L. Lloyd, Canadian Engineers, and son of the late John Lloyd, chemist, Bridgend, has been awarded the Military Medal for brave conduct.

Mr. Turner Widgery, only son of Mr. J. Widgery, chemist and druggist, Uxbridge Road, London, W., has been gazetted second-lieutenant in the Rifle Brigade.

Corporal Stewart M. Alexander, Royal Scots, has been wounded in the thigh, and is now in a base hospital. He is the elder son of Mr. W. M. Alexander, chemist and druggist, Kelso.

Sergeant Fred L. Johnson, W Company, R.A.M.C., who is well known in the South of England as representative of Burroughs Wellcome & Co., has left for France to take up hospital duties.

Lieutenant James Evans, Machine-gun Section of the Royal Welsh Fusiliers, formerly with Mr. W. M. Llewellyn, pharmacist, Tonypandy, Rhondda, has been awarded the Military Cross for valour.

Bombardier Percy Barrand, of the Royal Field Artillery, formerly with Grimble & Kent, chemists, Boston, has been awarded the Italian bronze medal for military valour. Field-Marshal Haig has given the decoration under the King's authority.

Mr. W. L. Way, the South Wales representative of Barclay & Sons, Ltd., London, and Camwal, Ltd., Bristol, has joined the Army Service Corps as staff sergeant, and is leaving for Salonica to undertake part management of the Army mineral-water factory there. Mr. W. Lilly, Bristol, will undertake Mr. Way's duties during his absence.

Mr. H. S. Phillips, Ph.C., who was on the Pharmaceutical Society's Bloomsbury Square staff, latterly in association with the prescription-checking department, joined the Colours a few months ago, and has obtained a commission in the chemical section of the Royal Engineers. Mr. Mallinson is now the sole male pharmacist on the Checking Bureau staff.

Mr. J. H. Brown, chemist, Sudbury, Suffolk, has been notified by the War Office that his son, Lieutenant L. H. Brown, Essex Regiment, has been wounded in the leg, and has since arrived in hospital in England. Lieutenant Brown, who has seen nearly nine months of active service, received his commission in June 1915, and was promoted to first lieutenant as from September 17, 1916.

Miscellaneous.

Malt.—Another Malt Restriction Order has been issued by the Food Controller. It makes it illegal, except under licence, to manufacture any further malt, to sell or deliver any malt, or for anyone other than a brewer for sale to use malt for any purpose.

Enemy Firms.—The Controller of the Foreign Trade Department has issued a new list of additions to the statutory list of firms of enemy nationality or enemy association with whom persons in the United Kingdom are forbidden to trade. The list contains sixty-one names, covering firms in Argentina and Uruguay, Bolivia, Brazil, Chile, Liberia, Netherlands, Netherlands East Indies, Norway, Persia, Peru, Spain, and Venezuela.

Enemy Patents.—L. B. Holliday & Co., Huddersfield, are applying for the suspension or grant of licences to work nineteen patents for dyes belonging to alien enemies. The hearing takes place at the Patent Office on April 26.—John Bale, Sons & Danielsson, Ltd., are applying for a licence to reproduce Quervain's "Spezielle Chirurgische Diagnostik," the copyright in which has been vested in the Public Trustee. The hearing is to take place on April 27.

Military Tribunals' Decisions.

The following are additional to what we have reported:

Bangor.—Exemption until June 30 was granted to Mr. John Bowen's assistant. Mr. Bowen complained to the Tribunal that a company chemist's business in the city has still the same staff as before the war, whilst he has lost two assistants. The Military Representative said inquiries are being made, as no firm will receive special privileges.

Bermondsey.—Exemption was refused for an eighteen-year-old employé of Baiss Bros. & Co., Ltd., wholesale druggists, 175 Grange Road.

Maesteg.—Consideration was deferred of the application for exemption by J. C. Morgan, assistant to Mr. A. Griffiths, dispensing chemist.

Newbury.—The Military Representative appealed against the conditional exemption granted to H. V. Davis (son) and C. E. Rous, assistants to Mr. H. J. Davis, dispensing chemist. The appeals were allowed, but Rous is not to be called up until June 1.

Newton Abbot.—Exemption until July 1, to enable them to sit for examinations, was granted to H. S. Williams and S. Brimmicombe, chemists' apprentices.

Redhill.—Mr. Harry Hocken, dispensing chemist, referring to the case before the Tribunal, reported in the *C. & D.*, April 14, p. 34, informs us that it was the appeal of the Military Representative that was dismissed. Mr. Hocken has been exempted until June 6, with the right to appeal.

Shanklin.—Conditional exemption was continued to A. J. P. Pionchon, assistant with Mr. A. Ashfield, Ph.C.

Spalding.—The appeal of Mr. E. A. Osborn, dispensing chemist, partner with Mr. E. W. Bell, was dismissed by the Holland Appeal Tribunal.

Stroud.—Three months' exemption was granted to H. B. Burr, chemist's assistant, with Ostler & Co., Ltd.

Taunton.—The Military Representative appealed against conditional exemption granted to F. J. Greedy, assistant with Gregory & Wrenn, Ltd., chemists. The application was dismissed.

Teddington.—Conditional exemption was granted to the son of Mr. Peter Stacey, Ph.C., who acts as dispenser to his father.

Teignmouth.—Conditional exemption until October 15 was granted to T. B. Power, assistant with Mr. H. Dring, dispensing chemist

Totton.—Exemption was granted to Mr. Watson, manager for Wride & Co., chemists.

Twickenham.—The Military Representative on April 13 appealed against the exemption of Mr. J. W. Butterworth, chemist and druggist, employed by Mrs. Bunker. Conditional exemption was granted until a substitute could be found.

Wandsworth.—Three months' exemption was granted to Mr F. G. Wells, dispensing chemist with Lewis & Burrows, Ltd., 178 High Street, Clapham.

Warminster.—Exemption until June 30 was granted to Mr. W. B. Cook, manager of the Codford branch belonging to Mr. Frank Cook, dispensing chemist, Warminster.

Weymouth.—The application by the Military Representative for the withdrawal of the certificate of S. G. Hutt, chemist's assistant, was refused.

Whitby.—Exemption until July 2 was granted to Mr. P. W. E. Atkinson, dispensing chemist, Golden Lion Bank, and Mr. Chas. Tindale, dispensing chemist, Bantergate.

Yeovil.—The appeal of the Military Representative against the exemption of W. J. Perkins, chemist's assistant, was dismissed.

Board of Trade Returns.

Considerations of economy and, at the same time, the desirability of withholding information which might prove of service to the enemy, have caused the Board of Trade to decide on the temporary exclusion from the monthly accounts of trade and navigation, beginning with the issue for March, of all particulars of the countries from or to which imports and exports are consigned, together with particulars of the movement of shipping. Such particulars of the countries to which exports are consigned as have hitherto been published in the monthly accounts will continue to be available for the use of British manufacturers and merchants who may need them for business purposes, on the understanding that the information so furnished will be used in this manner only, and that it will not be published. Subject to the above conditions, these particulars will be furnished to Chambers of Commerce who may apply for them for the use of their members, and will also be obtainable at the offices of the Board's Department of Commercial Intelligence, 73 Basinghall Street, London, E.C. 2.

Pharmaceutical Society of Ireland.

Council-meeting.

The Council met at 67 Lower Mount Street, Dublin, on April 10, Mr. James Michie (Vice-President) in the chair. Other members present were Dr. A. J. Barnes, Messrs. Thomas Batt, Richard Blair, John Smith, A. Owen Wells, and W. F. Wells. The President sent an apology.

Correspondence.

The Registrar (Mr. A. T. Ferrall) submitted a letter from Mr. Evans Thomas, solicitor, Liverpool, with reference to the application of Dr. William Macargur Scott, a licentiate apothecary, for registration as a pharmaceutical chemist. After some discussion, it was decided to hold the matter over until the next meeting.

Messrs. J. Davitt, W. Dillon, and J. Shanahan submitted certificates from the Intermediate Education Board of Ireland, and were admitted to Preliminary registration.

Communications were received from the following notifying changes in their addresses: Mr. Wm. C. Byrne, Ph.C., from Church Street, Tullow, to c/o Cargills, Ltd., York Street, Colombo, Ceylon; and Mr. Thomas Connolly, Ph.C., to Gorry's Medical Hall, Baltinglass, co. Wicklow.

Elections.

Miss Sheila Forde, Ph.C., Castlerea, co. Roscommon, was elected to membership (life).

Mr. R. Stafford Conyngham, M.A., M.P.S.I., was re-elected an Examiner for the Preliminary examination.

Mr. John Burnett, M.P.S.I., and Mr. David Warwick, M.P.S.I., were re-elected Examiners for the Practical Pharmacy division of the Pharmaceutical Licence examination.

Reports from the following Committees were received and adopted, this concluding the public business: The Law Committee, the Certificates Committee, the Declarations Committee, the House Committee, and the School Committee.

The examination results this month are as follows, the persons named having passed the examinations specified:

Pharmaceutical Licence Examination.

Cecil Ignatius Davis, Dublin, passed with honours; James McKeever, Navan; George Herbert Miller, Dublin; Patrick Joseph Kennelly, Ballylongford, Kerry; Thomas Burke, Carrick-on-Suir; James Frederick O'Hara, Ballinakill, Queen's Co.; George Herbert Parker, Cork; Thomas Wrixon, Cork. Twenty-three candidates were rejected.

Registered Druggist Examination.

John Addison Suffern Anderson, Muckamore, co. Antrim; Michael Garvey, Armagh; Thomas Joseph Glynn, Gort, co. Galway; Michael John McConville, Crossmaglen, co. Armagh. Three candidates were rejected.

Pharmaceutical Assistant Examination.

William James Bateman, Clonakilty; John Thomas Manning, Croom; Patrick Joseph Walsh, Tralee; Richard Morrow Thom, Dublin; Thomas Alexander Crooks, Londonderry. Two candidates were rejected.

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

Posters, Catalogues, and Price-lists.

With reference to the Paper Restriction Order dated March 2, 1917 (*C. & D.*, April 14, p. 43), the Paper Commission announce that they have been authorised by the Board of Trade to extend by general licence until further notice the period (which otherwise would end on April 21) during which it will be lawful—

(*a*) To complete the production of posters ordered and already commenced before March 3.

(*b*) To exhibit posters with respect to goods offered for sale by retailers, the production of which was ordered and commenced before March 3.

(*c*) To distribute, through the post or otherwise, tradesmen's catalogues, price-lists, and circulars, the production of which was ordered and commenced before March 3.

The licence also extends until further notice the size of posters which may be made from 600 to 2,400 square inches.

[Unfortunately this does not relieve retail chemists and others who hold stocks of circulars that were in their possession before March 2. Perhaps paragraph (*c*) is intended to give relief, but between "circulars" and "the production" should have occurred the words "which were printed or." Correspondents complain to us that the Commission's explanations are "vague and indefinite." The new Order is a fair example, as the point which we mention is one in respect to which many inquiries have been addressed to the Commission, and an opportunity of making the matter clear has been neglected.—Editor *C. & D.*]

Contracts.

Notification has been received of the following contracts made with Boards of Guardians:

Chester.—Cheers & Hopley, drugs.

Pembroke.—Mr. D. Davies, Pembroke Dock, has been appointed chemist and druggist for the ensuing period to the Board.

St. Pancras.—T. Hodgkinson, Prestons & King, drugs (three months); S. Maw, Son & Sons, surgical sundries, indiarubber goods, and water-beds; J. G. Ingram & Son, I.R. sheeting; Sangers, surgical dressings and proprietary articles; C. Greenacre, optical goods (all for six months).

Uxbridge.—Jardox, Ltd., meat extract at 137*l.* 10*s.* (twelve months' supply).

Other contracts arranged include:

Hendon U.D.C.—Jeyes, Ltd., and the "Sanitas" Co., Ltd., disinfectants.

London County Council.—Baiss Bros. & Co., Ltd., Boots Pure Drug Co., Ltd, Burgoyne, Burbidges & Co., Ltd., Corbyn, Stacey & Co., Ltd., T. Hodgkinson, Prestons & King, May & Baker, Ltd., W. G. Taylor, Willows, Francis, Butler & Thompson, Ltd., drugs.

Manchester Corporation.—J. Woolley, Sons & Co., Ltd., druggists' sundries; Mottershead & Co., drugs and thermometers.

Weymouth Borough Isolation Hospital.—Mr. M. T. Evans, hospital-dressings, drugs, etc.

Newport (Mon.) Guardians received no tenders for the supply of drugs, but Ferris & Co., Ltd., enclosed quotations saying it was not desirable to enter into a contract for drugs, but suggested to vary the prices on this basis *pro rata* according to the market. It was resolved to accept these terms for six months.

War-Office Contracts.

The following are amongst the new contracts agreed to by the War Office in March:

Disinfectants: Burt, Boulton & Haywood, Ltd.; Jeyes' Sanitary Compounds Co., Ltd.; Killgerm Co., Ltd.; McDougall Bros., Ltd.; Newton, Chambers & Co., Ltd.; Phœnix Sanitary Co.; Quibell Bros., Ltd.; Sanitas Co., Ltd.; R. Young & Co.

Instruments, Veterinary, Repairs of (Term Contract): S. Maw, Son & Sons.

Medicines: Abel & Co.; Bleasdale, Ltd.; Boots' Pure Drug Co., Ltd.; The British Drug Houses, Ltd.; Brook, Parker & Co., Ltd.; Burgoyne, Burbidges & Co., Ltd.; Burroughs Wellcome & Co.; W. B. Cartwright, Ltd.; G. Curling, Wyman & Co.; Davies, Sons & Co.; Evans Sons Lescher & Webb, Ltd.; C. R. Harker, Stagg & Morgan, Ltd.; Hough, Hoseason & Co., Ltd.; Howards & Sons, Ltd.; Johnson & Sons (Manufacturing Chemists), Ltd.; T. Kerfoot & Co.; H. & T. Kirby & Co., Ltd.; Matthews & Wilson, Ltd.; May & Baker, Ltd.; Menley & James, Ltd.; Parke, Davis & Co.; Pickard, Ive & Rankin, Ltd.; Pierson, Morrell & Co.; Prices' Co., Ltd.; Reynolds & Branson, Ltd.; Southall Bros. & Barclay, Ltd.; Standard Tablet & Pill Co., Ltd.; United Alkali Co., Ltd.; Whiffen & Sons, Ltd.; Willows, Francis, Butler & Thompson, Ltd.

Methylated Spirit: W. T. Alexander; B. Biggs & Co.; S. Bowley & Son; Bristol Distillery Co., Ltd.; J. Burrough & Co., Ltd.; Davis Bros., Ltd.; Jones & Co.; S. Thornley, Ltd.; J. & J. Vickers & Co., Ltd.; Walters & Co., Ltd.

Methylated Spirit, solidified: Tommy's Cooker Co., Ltd.

Surgical Dressings (Term Contract): S. Maw, Son & Sons.

Surgical Materials: H. M. Blewett & Son; A. Berton, Ltd.; Cuxson, Gerrard & Co., Ltd.; T. J. Smith & Nephew, Ltd.; Southall Bros. & Barclay, Ltd.

P.A.T.A. and C.D.A.

The twenty-first annual report of the Proprietary Articles Trade Association covering 1916, and to be presented at the annual meeting in July, has been issued this week. The Manufacturers' Section decreased during the year from 318 to 305, but the Wholesalers' and Retailers' Sections increased, the latter from 4,912 to 5,104. The accounts show receipts of 2,943*l.* 14*s.* 2*d.* from subscriptions, 267*l.* 18*s.* from dividends and interest, a donation of 10*s.*, and 630*l.* 10*s.* 11*d.* from last year. The outlays amounted to 2,679*l.* 13*s.* 11*d.*, of which 1,038*l.* 17*s.* 3*d.* was for salaries and 272*l.* 13*s.* 11*d.* for councillors' fares and other meetings expenses, these, apart from publications, being the biggest items. The Council invested 500*l.* in 6 per cent. Exchequer Bonds, and has still 615*l.* 4*s.* 11*d.* in cash. The Chemists' Defence Association report is the sixteenth and is for 1916-1917. The membership on the books this month was 4,999, or 187 more than last year. The accounts are for 1916 alone, and show income of 2,841*l.* 4*s.* 9*d.*, of which 2,547*l.* 16*s.* 6*d.* was from subscriptions (not being from interest or the like). The expenditure amounted to 1,988*l.* 14*s.* 6*d.*, of which the biggest portion was 667*l.* 14*s.* 1*d.* paid in respect to claims, and 235*l.* 8*s.* 6*d.* was for legal expenses; the other three-figure items being 350*l.* 15*s.* 9*d.* for salaries and the sums for publications. The Association has invested over 9,265*l.* in stocks, and its issued capital amounts to 1,315*l.* The directors met on April 11 and considered several claims. Some were passed, and it was decided to resist others. Fifty-one shares were issued to new members. It was decided to join in the effort to make the Criminal Law Amendment Bill and Venereal Diseases Bill more acceptable to pharmacists.

Dispensary Appointments.

Mr. H. D. George, dispenser, Poplar and Stepney Sick Asylum, has had his salary increased from 180*l.* to 190*l.* a year.

Miss Isabella Robertson, chemist and druggist, has been appointed dispenser at the St. James's Infirmary, Ouseley Road, Balham, by the Wandsworth Board of Guardians. Miss Robertson is at present assistant dispenser at the Paddington Infirmary and outdoor dispensary, and goes to Wandsworth to fill the vacancy caused by the promotion of Mr. W. E. Kinsman to the position of Registrar of Births and Deaths for the sub-district of Streatham.

Birmingham.

Pharmacists are not able to get errand-boys, and have adopted the half-time plan or started the girl substitute.

The name of William Dabbs, M.P.S., Coventry, appears in the list of successful candidates at the Biology examination for L.R.C.P.&S.

The City M.O.H. has issued a useful handbill on measles. "It is *not* necessary for all children to have measles," it says. German measles is also dealt with.

A Birmingham tradesman has put up the following notice in large letters over his retail shop: "John —— has gone to do His Bit. Will reopen when the job is finished."

A surgical-bandages depôt has been established at Stourbridge on the initiative of Mrs. Frank Taylor, the Mayoress, and was opened by the Lady Mayoress of Birmingham on Thursday, April 12.

It is not proposed at present to hold the "General Meeting on Trade Subjects," provisionally placed on the programme for April 18. Should such meeting be arranged for a later date due notice will be sent. No reason has been mentioned for this change of fixture of the Birmingham Pharmaceutical Association.

Mrs. Barrow Cadbury has been offered, and has accepted, the presidency of the Sunday School Union for the ensuing year. This is the first time a lady has occupied the position in the Union, which has been in existence for over a century. This lady, who is doing magnificent philanthropic work in Birmingham and district, is the daughter of Mr. Alfred Southall, J.P., F.C.S.

Liverpool.

The late Lieutenant Bishop, whose short but brilliant career was sketched in the *C. & D.* last week, p. 40, had won high esteem in Blundellsands as the assistant to Mr. G. H. Cole, Blundellsands Road West.

The few pharmacists who possess a residue of stocks of glycerin bought before the war are being offered 2*s.* 6*d.* per lb. for the precious article. All the substitutes available form the subjects of popular experiment and varying verdicts.

Pharmacists are again appreciative of the Daylight Saving Act, which gives them almost daily brief spaces in the sun and virtually lengthens the weekly half-holiday, besides hurrying up the panel prescriptions, notably on the Tuesday evenings.

The students of the Liverpool School of Pharmacy were conducted through the laboratories and other departments of Evans Sons Lescher & Webb on Wednesday, and afterwards entertained to tea at the Bear's Paw. Several pharmacists joined the party, which numbered fifty-three.

"Never have I had to order so many patent medicines and other goods at such advanced prices," declared a central pharmacist the other day, while pointing to the lists of prices which he had received and marked with the quantities he required to replenish stocks. It was apparent that he was ordering freely in the fear that the worst is yet to come.

The visit of the Lancashire Federation to Liverpool on Wednesday (the weekly half-holiday of the pharmacists outside the central area) assisted in giving an effective round-off to the session of the Liverpool Chemists' Association, and it was a happy thought to combine the interest at a social gathering in the evening. The catering by the curator of the Royal Institution was, as usual, a complete success.

The Liverpool Pharmacists' Training Corps has been presented with four collapsible wheel stretchers by Evans Sons Lescher & Webb, Ltd.; Ayrton, Saunders & Co.; R. Sumner & Co.; and John Thompson, Ltd. On April 16 the Corps was inspected by the Lady Commandant of the Western Division of the St. John Ambulance Association, under the auspices of the War Office. The presentation of certificates followed.

The collection at the smoking-concert, held jointly by the Liverpool, Birkenhead, and Wallasey Associations on behalf of the Benevolent Fund of the Pharmaceutical Society, realised 65*l.* 6*s.* 6*d.* The Liverpool President (Mr. William P. Evans) read at the meeting on Wednesday evening the following acknowledgment, dated April 14, from Mr. W. J. Uglow Woolcock: "I have the greatest possible pleasure in sending you herewith receipt for the very handsome donation to the Benevolent Fund, which has resulted from the concert held by our Liverpool, Birkenhead, and Wirral friends. Receipt for 10*s.* 6*d.*, contributed to the Orphan Fund by Mr. Kennedy, has been sent direct. It must be very gratifying to you, as chairman, to find such ready and cordial support to the project of which you have been a leading spirit, and I am quite sure that the Council will feel deeply indebted to all concerned with the magnificent demonstration of loyalty to the Benevolent Fund."

Sheffield.

Mr. C. Hammond, assistant to Mr. J. S. Oswald, was unsuccessful in his appeal to the Military Tribunal at Sheffield.

Since taking over their works in Bank Street, Exell Bros. are devoting more time to window-dressing at their Ellesmere Road establishment, and have added another window for the display of specialities.

The friends of Mr. W. H. P. Hume, late of Eardley & Furnivals, will be pleased to hear that, after a short spell with the Artists Rifles, he is now in the Artillery Cadet School at Brighton.

Chemists and their assistants appear to have to tolerate an unnecessary amount of cross-examination by a military investigator. Although holding conditional exemption, all kinds of particulars are asked of them, even to the height and the colour of the exempted person's eyes!

A section of the panel chemists appear to have a just ground of complaint at the action of a few medical practitioners who are prescribing drugs in bulk with directions to the patient how to use, such as boracic acid for eye-lotions. This will make the nimble sixpence more certain, but one case that the writer came across was "Liq. arsenicalis ʒss. Use three drops three times daily in water." When the doctor's attention was drawn to the danger he readily altered the script.

The Secretary of the Pharmaceutical and Chemical Society has received a communication from the Chief Constable, Major Hall Dalwood, drawing the Society's attention to the recent resolution of the City Council that Sunday trading is to be stopped. The Secretary understands that action will be taken against any chemist who trades in any other goods than allowed by the law of Charles II. (*C. & D. Diary*, p. 382). The Small Traders' Defence League held a mass meeting, when a good deal of strong language was used.

Miscellaneous.

"The Banks of the Tay," by Mr. Alfred de Brianski, sen., is the title of the picture presented to Dr. Burnet (*C. & D.*, April 14, p. 45).

Leeds Education Authority announce special training classes for women dispensers for the Society of Apothecaries' examination, beginning on May 1.

Rich, Ltd., chemists, 30 High Street, Swansea, are giving up the photographic department in consequence of the extension of their surgical department.

A Fire occurred at the works of John Knight, Ltd., soap-manufacturers, Silvertown, on Saturday, April 14, and the damage is estimated at 20,000*l.*

The Commercial Travellers' Schools were founded in 1845, so that they are antecedent to the Commercial Travellers' Benevolent Institution, founded in 1849.

The Local Associations' Executive Committee of the Pharmaceutical Society has decided to hold no Conference in May. It will be remembered that in 1915 the Conference was held the same day as the annual meeting.

In Bacteriology the Pharmacists' Volunteer Corps of London has done well. We are indebted to Mr. Dan Davies for the names of the seventy-nine who were presented with certificates by Dr. Burnet at the meeting reported in the *C. & D.*, April 14, p. 45.

Board of Agriculture Leaflets.—New editions of Leaflets Nos. 128 and 141, dealing with bee-keeping and the preparation of honey for market, have been published this week. These are obtainable free of charge from the Board, Whitehall Place, London, S.W.

At a Special Convocation of the Suffolk Provincial Grand Chapter of Royal Arch Masons, held at Ipswich on April 13, Excellent Companion Owen A. Clark, Gd. Std. B. (England), and Mayor of Bury St. Edmunds, was installed as Grand Superintendent of Suffolk by E.C. Colonel Sir Courtenay Warner, Bart., M.P., the present Grand Superintendent of Essex for Royal Arch Masonry.

The Use of Drugs.—At an inquest on Dr. J. E. D. Jones, Poplar, it was stated that he had taken opium for twenty-five years. Death was due to heart failure, following a fall in the street.—Scopolamine and morphine, administered to a Chelsea woman to procure "twilight sleep" during childbirth, was exonerated as the cause of the death of the woman, who died shortly afterwards.

Chemical-workers' Wages.—A mass meeting of all sections of chemical-workers was held at East Ham Town Hall on Sunday evening, April 15, to demand increased wages to meet the present food prices. The meeting had been organised by the National Union of General Workers, and a resolution was carried unanimously calling for an increase of 10*s.* per week for day workers, with a proportionate increase for piece workers.

Insurance Committees and a Ministry of Health.—To a deputation from the National Insurance Associations as representing the Insurance Committees of England and Wales, Lord Rhondda, President of the Local Government Board, replying to fears that in a possible scheme for the creation of a Ministry of Health the Committees would be abolished or perhaps have their work interfered with, declared that he had no such intention. The Government is considering the creation of a Ministry of Health, and he would wish to secure the fullest co-operation of Insurance Committees, and would certainly not abolish them. The deputation was received on Friday, April 13, and was introduced by Mr. W. S. Glyn-Jones, M.P., who directed attention to the fact that the two Associations dealt with Insurance Committee finance for over eleven millions of insured persons, which Committees have to enter in pursuance of their work into contracts with about sixteen thousand general medical practitioners and about ten thousand pharmacists. Among those present were Mr. Philip F. Rowsell, J.P., Exeter, and Mr. Neal, Chairman of the Sheffield Insurance Committee, who was one of those to speak.

Poisonings.—The week's fatalities from poison include the following: Dr. G. R. Naylor, formerly of the Children's Hospital, Paddington Green, died in London from narcotic poisoning. Morphine tablets were found in his possession, and three chemists' assistants stated at the inquest that they had dispensed for deceased prescriptions ordering veronal.—Dr. Jas. Hamilton, Coalville, Leicestershire, was found dead in bed after taking an overdose of hydrocyanic acid. "Accidental death" was the verdict at the inquest.—At Stoke Newington a fourteen-months-old infant, named Procktor, was poisoned by taking two teaspoonfuls of "Thomas's Pectoral Balsam," which the child's mother had poured out into a cup, intending to take the dose herself for a cough. The child's father identified a 12-oz. bottle produced as one he had purchased at the Stoke Newington branch of Boots, Ltd. The label stated:

"This medicine contains ingredients regularly prescribed by medical men, and when taken according to the directions given is quite harmless, but is hereby labelled poison in compliance with the Pharmacy Acts. It can be given to children from eight to twelve years of age in doses of half a small teaspoonful, and from twelve to sixteen, one small teaspoonful. For infants and children under eight years of age Golding's Children's Cough-mixture is the most suitable."

Mr. George Duncan, chemist and druggist, manager for Boots, Ltd., read a telegram which he had received regarding the composition of the cough-mixture:

"Balsam contains 2¾ per cent. of chlorodyne, in which is morphine of 1 in 12,500 parts. Other ingredients: ipecac., squills, horehound, potassium nitrate, black currant, and honey."

Some discussion took place as to whether hydrocyanic acid is an ingredient in chlorodyne, and Mr. Kirby, who appeared for Boots, Ltd., pointed out that that ingredient is not now contained in chlorodyne. The jury returned a verdict of "Accidental death."—According to the findings of the jury, a mathematical-instrument maker named Robson died at Hackney from mercurial poisoning, although two doctors stated that there was no evidence whatever of mercurial poisoning.

Scottish News.

Brevities.

7½*d.* promises to be a general price for the once popular 4½*d.* health-salt.

Golden-syrup and water are being used by many chemists as syrup or glycerin for sweetening-purposes.

Following the lead of Dundee, chemists have advanced their soaps all round, the popular brands being sold at an advance of ½*d.* or 1*d.* per cake.

The rat-pest in Aberdeen is assuming alarming proportions, and the Committee for Public Health is considering ways and means of dealing with the nuisance. Perthshire is also troubled with the pest, and finds virus a success.

Dr. Wilson, St. Andrews, delivered in Cupar last week a lecture on garden and wild herbs, under the auspices of the East of Fife branch of the National Herb-growing Association. All the herbs collected are to be sent to Perth to be dried. After the lecture Mr. J. E. Grosset, solicitor, mentioned that he had let an acre of ground for the cultivation of herbs to a gentleman who suffered from rheumatism, and the gentleman not only cured himself, but made a livelihood out of the venture.

The Aberdeen Town Council received on Monday a report from a Committee which was against the Aberdeen Pharmaceutical Association's suggestion as to the closing of chemists' shops. The Committee did not see its way to enforcing the locking of the door at the hour fixed for the closing of the shop, but advised the Council to find a *prima-facie* case had been made out for making a closing-order, and that the requisite steps should be taken for ascertaining the opinion of shop occupiers on the matter.

Edinburgh.

Last year there were 945 tenantless shops in Edinburgh, an increase of 129 over the number in 1915.

A local chemist had his shop visited the other evening by burglars, who got away with a sum of money and goods, including cachous and shaving-sticks.

Like other districts, Edinburgh had heavy falls of snow last week-end. Snow, however, is no rarity in Scotland at this time of the year. At the battle of Culloden, for example, fought on April 16, 1746, the Highlanders were subjected to driving storms of snow and rain, in addition to the cannon-balls fired into their ranks by Cumberland's artillery.

Glasgow.

A fire occurred on April 16 at a motor-garage belonging to Young's Paraffin Light and Mineral Oil Co., Anderston, Glasgow. The damage is estimated at 400*l.*

Another large collection of aniline dyes was sold by auction in Glasgow on April 16. Buyers were present from various centres. Pharmacy was also represented, wholesalers and retailers being present.

Lieutenant Bertram Ratcliffe, who has escaped from German imprisonment to England after being a prisoner of war in Bavaria for two-and-a-half years, is a nephew of Colonel Brotherton, of Brotherton & Co., Provan Chemical Works, Glasgow.

"The Glasgow Herald" published last week an article on "Herb-growing for Scotland." It told about books on herb-growing, and mentioned the letter by Sir W. Grey-Wilson, K.C.M.G., Chairman of the National Herb Federation, which was published in the *C. & D.* last week.

Food Advice.—The pharmacist will no doubt be consulted by his customers *re* the food question, and what to do when common articles of vegetable produce are not forthcoming. It is not generally known that young nettles form a dish not unlike spinach when boiled.

Irish News.

Brevities.

The Holywood Medical Hall, 50 High Street, Holywood, which has been carried on for some time by Mr. J. S. Scott, L.P.S.I., is for sale.

At Portglenone, co. Antrim, Petty Sessions on April 5, William James Brady, registered druggist, Portglenone, was fined 10*s.* and costs for disorderly behaviour in the public street at Portglenone.

A meeting in connection with the National Herb-growing Association was held in Belfast on April 13, when it was decided to form an Ulster Association to be affiliated with the London Association.

As a result of an exchange of views between the Chemists' and Druggists' Society of Ireland and the North Irish Pharmacists' Association on the question of minimum prices of drugs, shop-hours, and other matters of trade interest, it has been decided to call a meeting of the Ulster Drug Trade Association, which embraces all parties, to consider these questions at an early date.

The silver wedding of Sir W. J. Baxter, D.L., Ph.C., and Lady Baxter, Coleraine, occurred recently. On April 6 the employés of the Coleraine establishment met to congratulate Sir William and Lady Baxter, and in the course of the proceedings Mr. Jack Gilmour, on behalf of the staff, presented Lady Baxter with a silver rose-bowl as an expression of appreciation. Other speakers were Mr. J. Longwell (who presided), Mr. J. Middleton, Mr. W. Garvin, and Mr. A. Anderson.

Drug Tenders.

The Ballymahon Guardians awarded the contracts for drugs and surgical appliances to Sumner & Co., Liverpool.

The Bawnboy Guardians have accepted the tenders of Sumner & Co. and John Clarke & Co. for drugs and surgical appliances respectively.

The Westport Guardians have accepted the tenders of Boileau & Boyd and Adamson & Co. for drugs and surgical appliances respectively, although the tender of Sumner & Co. for drugs was lower than the one accepted.

The Local Government Board has written to the Carrick-on-Suir Board of Guardians regarding the acceptance of tenders for drugs and surgical appliances which were not the lowest. The Guardians have replied that they took into account the convenience and absence of sea-risk in accepting a Dublin tender in preference to that of a Liverpool firm.

South African News.

(From "C. & D." Correspondents.)

"The Chemist and Druggist" is supplied weekly to members of all the Chemists' Societies in South Africa.

Enemy Firm to be Wound Up.—Sanatogen Co. (A. Wulfing & Co.), Cape Town. *Controller*: E. R. Syfret, 119 St. George's Street, Cape Town.

Mr. C. G. E. Edmeades, formerly Treasurer of the Cape Pharmaceutical Society, is now on his way to England for his final training for the Front.

Our Cape Correspondent, writing on February 2, says: "Letters and mails are very few and far between just now, and we are beginning to realise in earnest that there is a war on. Stocks are getting very short in some lines, and very difficult to obtain, glycerin in particular, the ruling price being 4*s.* 6*d.* per lb. wholesale when it is obtainable. I expect as time goes on, and more restrictions are put on tonnage, that we shall go short in a good many more lines. However, if it will help to finish this war, we shall put up with all inconveniences."

A Few Business Changes are mentioned by our correspondent. Mr. William Aitken, ex-President of the Cape Pharmaceutical Society, who had to resign that post on account of illness, is living up country, and has disposed of his pharmacy in Long Street to Mr. Charles Merry, chemist and druggist, Hanover Street, and he has sold that pharmacy to Mr. Roytowski. Mr. Merry was formerly with Lennon, Ltd., Cape Town.—Mr. J. Austin Thomas, chemist and druggist, is now managing the business of Cameron & Hamilton, Observatory, Cape. Mr. Thomas is an ardent Welshman and an ex-President of the Cape Pharmaceutical Society. He disposed of his own business several years ago.

Colonial and Foreign News.

Patents, etc., in Italy.—The Italian Government has authorised the State to take over all German patents, inventions, and trade-marks. Italian subjects may make free use of such.

Saccharin in Austria.—According to an order of the State Finance Directorate, monopoly saccharin will be sold in five different packets and in three different qualities. The smallest packet consists of a tube containing twenty-five tablets and sold at 25 hellers; the next size (a bottle) will contain 300 tablets and be sold at 2.20kr.; crystallised saccharin in 10-gram packets at 4.50kr.; powdered saccharin (1) 10-gram packets at 6kr., (2) 25-gram packets at 15kr. For dispensing-purposes druggists are allowed to store quantities necessary for their needs at the time. Specially prepared saccharin for diabetic subjects will be of 440 strength.

Potassium Salts.—The turnover of the German Potash Syndicate in 1916 was 8,839,759 double ctr. of pure potassium, valued at 155,000,000m., compared with 6,797,522 double ctr. (106,000,000m.) in 1915, 9,039,883 d. ctr. (154,000,000m.) in 1914, and 11,103,695 d. ctr. (191,000,000m.) in 1913. In spite of the increased output the Syndicate has petitioned the Reichstag to increase inland prices for potassium by 5pf. per kilo., to be charged on the proportion of pure potassium to crude salt and manure salt. The petition lays stress on the falling-off in the export trade, the general advance in prices, and the decrease of prisoners' labour. In consequence of these difficulties, hardly a dozen out of the 200 companies associated in the Syndicate are able to pay dividends, the expectations based on the advance in prices of last June not having been realised. Meanwhile the difficulties in the potash-industry have further increased. Coal, explosives, oil, mining timber, iron, etc., have increased in price to an extent altogether unanticipated. The proposed increase in potassium prices will, it is stated, make a difference of only 4m. per hectare of manured land—an inconsiderable amount in view of the prices now being paid for agricultural products.

Trade Notes.

Wrapping-paper for Chemists.—Thomas Waide & Sons, Alexandra Printing Works, Kirkstall Road, Leeds, hold a large stock, and will send samples and quotations to subscribers who apply to them.

Pale Dry Ginger-ale is a welcome beverage, and William Hay, Ltd., as the manufacturers of the essence for it, call special attention to the product. The essence is made in the company's laboratories in Hull, but it may also be obtained from the London depôt, 3 York Street, Walworth, S.E.

Sphagnol Ointment has established a reputation for trench sores, and Sphagnol soap is also used as a preventive of many troubles that afflict men at the Front. Peat Products (Sphagnol), Ltd., 19 Queenhithe, Upper Thames Street, London, E.C. 4, will supply our readers with particulars on application.

Wills's Postal Systems.—The Westminster College of Pharmacy, 402 Clapham Road, London, S.W., has issued a booklet in which particulars are given of the systems for the Preliminary, Minor, Major, and Apothecaries' Hall examination postal courses. We notice that the Minor arrangements consist of courses A, B, and C, and that a course of 100 lessons for Colonial and Foreign examinations is also provided. We would suggest that the College should affix dates to the opinions published regarding the courses.

Gazette.

Partnership Dissolved.

Riley, T., Lofthouse, J., and Bleasdale, J., Coppy Clough Works, Church, chemical-manufacturers and distillers, under the style of T. Riley & Co.

Oil of Cade.—This oil is extremely scarce in all markets, stocks being practically exhausted, and further supplies will not be available until the end of the war. A product is being sold in France under the name of "Huile de Cade," of Spanish origin, but it is merely purified oil of tar, and has none of the true properties of oil of cade.

Legal Reports.

Bottle-trade Appeal Case.—In the Court of Appeal, London, on April 18, the hearing was concluded of the case of the British Glass Bottle Manufacturers, Ltd., and others *v.* Forster & Sons, Ltd., and others, upon the appeal of the plaintiffs from the judgment of Mr. Justice Sargant dismissing the action which the plaintiffs, suing on behalf of themselves and all other British licensees (other than the defendants, Forster & Sons, Ltd., having licences under Owen's patent), brought against Forster & Sons, Ltd., Owen's European Bottle Machine Co., of Toledo, the Treuband Vereinigung Aktiengesellschaft, and the Europäische Verband der Flaschenfabriken. Their Lordships dismissed the appeal, with costs.

Action against the British Medical Association.—In the King's Bench Division, before the Lord Chief Justice, on April 17, the case of Pratt and Others *v.* the British Medical Association was mentioned. Mr. R. A. McCall, K.C., for the defendants, stated that his Lordship would remember that this case was mentioned in that court on February 6 (*C. & D.*, February 10, p. 37). This was an action brought to recover damages for alleged conspiracy, libel, and slander by four medical men practising in Coventry against the British Medical Association and other defendants who were officers of the Association. An application was made on February 6 that the case should stand over, as the defendants' witnesses were almost all engaged in war-work. Plaintiffs had filed an affidavit, and an opportunity ought to be afforded defendants of replying to some charges which had been made. After further legal argument the Lord Chief Justice ordered that the case should be further adjourned for ten days in order that an answer might be prepared to the affidavit filed by plaintiffs.

The Flavine Patent.—An application by Blandy Bros. & Co., 16 Mark Lane, London, E.C., was made at the Patent Office Court on April 19 for the suspension or grant of a licence to use Patent 24,652 of 1910 "Improvements in the Manufacture of 3.6-diamino acridine and its Derivatives," belonging to Leopold Casella & Co., G.m.b.H., Frankfort-on-Main. The Comptroller (Mr. W. Temple Franks) and Sir Cornelius Dalton heard the application. Mr. Carpmael appeared for the applicants. At the commencement of the proceedings Mr. Ransford, who represented the German owners of the patent, applied for an adjournment of the hearing, as he had not yet had time to receive instructions from his clients. He wrote to Casella & Co. on March 28 asking for instructions, and had that morning received a cable from The Hague requesting him to act against Blandy Bros., and stating that a letter follows. Mr. Ransford pleaded that the notice from the Patent Office to the patentees did not give sufficient time to receive a reply. Mr. Ellis, who said he was watching the case for Levenstein, Ltd., said his clients have sent in an application for the grant of a licence. He suggested that it would be convenient to hear the two applications together. The Comptroller said that no harm would be done if the case proceeded that day—if applicants desired that course to be taken—as the final order would not be made without an opportunity being given to the patentees to state their case. After consulting with his clients Mr. Carpmael agreed to an adjournment, as he thought that the instructions which Mr. Ransford expected to receive might contain an offer to grant a licence on equitable terms.

Gregory's Powder.—At the Kensington Police Court, before Lieutenant-Colonel J. W. R. Adams and other Magistrates, on April 17, the hearing of the Sale of Food and Drugs Act action against Mr. W. E. D. Shirtliff, chemist and druggist, 66 Goldhawk Road, Shepherd's Bush, W., in respect to the sale of Gregory's powder was resumed. At the previous hearing (*C. & D.*, March 24, p. 38, and March 31, p. 38) Mr. C. H. Kirby, who defended on behalf of the Chemists' Defence Association, had the reserve sample submitted to the Government laboratories, whose report had now been received. Mr. Revis, barrister, appeared for the Hammersmith Borough Council, and Mr. W. S. Glyn-Jones, M.P., barrister, for the defendant. It was intimated that the Government analysts had found magnesia present in the form of carbonate and oxide, amounting to an equivalent of 27.7 per cent. magnesium oxide. Mr. P. A. E. Richards, public analyst for the borough, stated that he had certified the composition of the sample to be magnesium oxide 8.7 per cent., magnesium carbonate 40.5 per cent., rhubarb and ginger together 50.8 per cent. Mr. Glyn-Jones handed the witness a report of an analysis by Mr. Thomas Tickle, B.Sc., public analyst for Exeter, of one of the three portions into which the official purchase was divided, in which Mr. Tickle stated that the sample

contained light magnesium carbonate 66 per cent. [Mg. H_2O_2 10.04 per cent. and magnesium carbonate 43 per cent.], rhubarb-root and ginger together 34 per cent. The witness admitted that he had determined the rhubarb and ginger by difference, and agreed that the totals of oxide obtained by the three analyses were very close. Mr. H. S. Watson, pharmacist, Finchley Road, N.W., gave evidence to the effect that the public prefer Gregory's powder made with carbonate instead of the B.P. article. Mr. Glyn-Jones told the Magistrates that what was supplied to the inspector was the "Improved Gregory Powder," which is simply the B.P. article made with light carbonate instead of light oxide of magnesia. Rightly or wrongly, many authorities consider this much better medicinally than the official kind. The Sale of Food and Drugs Act says that there must be prejudice before an offence can be proved, but there was none here. Mr. Justice Lush had defined prejudice as that which a customer suffers from substituting an inferior article. He asked the Bench to find that there had been no prejudice and no fraud or carelessness. The Magistrates retired to confer, and, after returning, the Chairman intimated that they had decided to convict. He said that when an article was asked for by a B.P. name it is to the prejudice of the purchaser if another article is supplied, and the Magistrates imposed a fine of 2*l.*, with 2*l.* 2*s.* costs.

New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

Igarda Preparations, Ltd.—The registered office of this company is 174 Bond Street, London, not 194 as mentioned in the *C. & D.*, April 7, p. 37.

S. P., Ltd. (P.C.).—Capital 500*l.* Objects: To take over the business of printers and publishers of the journal known as "The Script." The subscribers are J. T. Humphrey and A. H. Jenkin. R.O., 14 Paternoster Row, E.C.

Anticarb, Ltd. (P.C.).—Capital 10,000*l.* Chemists, druggists, drysalters, oil and colour men, manufacturers of and dealers in electrical and other apparatus, etc. The subscribers are C. Cottrell and A. Cowan. R.O., 21 Summer Row, Birmingham.

Hobbs Inventions, Ltd. (P.C.).—Capital 5,000*l.* Objects: To take over and carry on the business of E. W. Hobbs, mechanical artificial-limb maker, 76 Bedford Hill, Balham, S.W. The subscribers and first directors are E. W. Hobbs and J. W. Hobbs.

Holt Bros. (Soap), Ltd. (P.C.).—Capital 250*l.* Objects: Soap, oil, and chemical manufacturers and dealers, etc. Agreement with Howard & Powell, Ltd. The subscribers and first directors are T. B. Miller and H. M. Morris. R.O., 141 Fenchurch Street, E.C.

Morris & Griffin, Ltd. (P.C.).—Capital 60,000*l.* Objects: To take over the business carried on at Newport, Mon., by Isaac Butler, as "Morris & Griffin," manufacturers of and dealers in chemicals, glue, glue-powder, etc. The first directors are Isaac, Aubrey I. R., and Hubert O. Butler.

Parke's Drug Stores, Ltd., announce payment of the 6 per cent. dividend on the preference shares for the half-year which ended on March 31.

Plasmon, Ltd.—The directors have declared an interim dividend on the ordinary shares at the rate of 10 per cent. per annum, less tax, for the half-year ended December 31.

Borax Consolidated, Ltd.—The directors announce a dividend at the rate of 6 per cent. per annum, less tax, on the preferred ordinary shares for the half-year to March 31.

Bankruptcy Report.

Re John Chambers, 78 Belle Vue Road, Leeds, formerly 22 Montpellier Walk, Cheltenham, Chemist and Druggist. The following are creditors herein: J. & E. Atkinson, 15*l.*; Corbyn, Stacey & Co., Ltd., 17*l.*; Hawker Bros., 11*l.*; Warrick Bros., 12*l.*; Carter, Paterson & Co., 10*l.*; Meggeson & Co., Ltd., 11*l.*; Coate & Co., 15*l.*; S. Adams, 26*l.*; Cavendish House Co., 25*l.*; Steel & Son, 11*l.*; Burns & Co., 10*l.*; John Richardson & Co. (Leicester), Ltd., 16*l.*; J. H. Haywood, 15*l.*

Joseph Moyle, chemist and druggist, late of the Broadway, Hammersmith, who failed in 1887, obtained his discharge at the London Bankruptcy Court on Thursday.

Birth.

Agnew.—At 46 Winterbrook Road, Herne Hill, S.E., on April 9, the wife of J. W. W. Agnew (representative of Wright, Layman & Umney, Ltd.), of a daughter.

Marriages.

Biggs—Gillespie.—At St. Thomas' Church, Stourbridge, on April 9, Frederick William Biggs, chemist and druggist, Stourbridge, to Ann Edith, second daughter of the late R. W. Gillespie, solicitor, Walsall.

Herington—McLaren.—At Christ Church, Luton, on April 11, Frank Ernest Herington, pharmacist (manager to R. P. Chantler, Ltd., 34 Manchester Street, Luton), younger son of Mr. J. H. Herington, pharmacist, Dunstable, to Marjorie, only daughter of Mr. and Mrs. John McLaren, Luton, and late of Tunbridge Wells.

Rees—MacGregor.—At St. Dunstan's (Stepney Parish Church), on March 29, Alcwyn Rees, pharmacist, 152 Mile End Road, to Winifred Amelia, certificated Apothecaries' Hall, younger daughter of Mrs. MacGregor, Stepney Green, E.

Deaths.

Behring.—The death of Dr. Emil von Behring, Marburg, was announced recently. He was one of the discoverers, in 1890 of the fact that blood-serum of animals immunised against tetanus or diphtheria when added to cultures of the bacilli neutralises their power to provoke diseases, this being the foundation of serum-therapy. Dr. Kitasato, of Tokio, was the co-worker of Behring. The history of the discovery was given in detail in the *C. & D.*, January 29, 1916, p. 133. The antitoxin treatment of diphtheria was first tried on human beings in 1893. For his work on serum-therapy Behring received a prize of 1,000*l.* from the Paris Académie de Medécine and 2,000*l.* from the Institute of France. He was one of the ninety-three German "intellectuals" who, in 1914, signed the manifesto to the world defending the Prussian military party who planned and caused the European war.

Cuthbert.—At West Parade, Huddersfield, on April 13, Mr. Ralph Cuthbert, chemist and druggist, Westgate, Huddersfield, aged seventy. Mr. Cuthbert was registered as in business before August 1868, for in 1865, at the age of eighteen, he purchased the business of Mr. Flockton, his master, in Westgate, and had carried it on ever since, the pharmacy being removed across the street thirty-five years ago. It was created a limited liability company as Ralph Cuthbert, Ltd., a little over three years ago, and Mr. Cuthbert had been chairman of the board of directors ever since then. He leaves a widow, one son (Lieutenant R. B. Cuthbert, of the Royal Naval Reserve), and one daughter.

Diehl.—At Louisville, Kentucky, on March 25, Mr. C. Lewis Diehl, aged sixty-five. Mr. Diehl was for many years the editor of the American Pharmaceutical Association's "Proceedings," and latterly the reporter on the progress of pharmacy. He was a native of Neustadt in Bavaria, and went to the United States as a child. In 1858 he was apprenticed to Dr. John R. Angney, Philadelphia, and graduated at the College of Pharmacy there in 1862, when he was in the laboratory of John Wyeth & Co., but left them to join the Union army. After the war he was assistant chemist in the U.S. Army Laboratory at Philadelphia, and later occupied other positions. He was President of the American Pharmaceutical Association in 1874, and from that year until his death helped the Association greatly in its work.

Hayhoe.—At 45 Cromwell Road, Bournemouth, on April 5, Mr. William Hayhoe, chemist and druggist, aged sixty-five.

Hill.—On April 7, after a long illness, Mr. Harry Hill, 173 Balmoral Road, Gillingham, Kent, aged thirty-eight. He served his apprenticeship with Mr. Arthur Stooke, chemist and druggist, Gillingham, and remained in the business for twenty-three years and up to his death, having charge of the photographic department. He was one of the founders of the local Photographic Society. He was a man highly esteemed locally.

Lancashire.—At Ballymena, on April 15, Kathleen, third daughter of Mr. Huston Lancashire, J.P., Ph.C. Deceased, who was an energetic social worker, had been in failing health for about three months.

Sutton.—At Norwich, on April 16, Mr. Francis Sutton, F.I.C., F.C.S., Ph.C., aged eighty-six. He was the only son of Mr. Francis Sutton, V.S., Plumstead, Norfolk, and was apprenticed at the age of thirteen to Mr. Harper, chemist and druggist, Norwich, with whom he remained until 1851, when he joined an old fellow-apprentice who had started in business as a chemist and druggist in Newcastle-on-Tyne. During his stay he attended chemistry classes at the local College of Science, and passed the Major in 1853. He returned to Norwich in 1854 to manage

Mr. Francis Sutton.

for Mrs. Harper the business in Bank Plain, where he had been trained, his apprentice-master having died. Continuing his studies in chemistry Mr. Sutton specialised in the analysis of fertilisers, and gradually built up a reputation as an analyst, premises being fitted up as a laboratory. He became official gas-tester and referee for the City of Norwich. Mrs. Harper's business was acquired by Mr. Sutton in 1868, and in 1873 Mr. Nuthall joined him, Mr. Sutton leaving the business altogether three years afterwards. He was also engaged in chemical-manufacture at Great Yarmouth, the business being sold in 1893 to Prentice Bros. Mr. Sutton was the author of the well-known work on "Volumetric Analysis," the first edition being published in 1863 and the tenth in 1911. He was a founder of the British Pharmaceutical Conference, and Local Secretary when the Conference visited Norwich in 1868. He had been living in retirement within the last few years, his son Mr. W. Lincoln Sutton, F.I.C., succeeding to his extensive analytical practice. Another son, Mr. Francis Napier Sutton, F.I.C., is an inspector under the Alkali, etc., Works Act. The portrait we reproduce is one taken by Mr. F. N. Sutton.

Thomson.—At the Royal Infirmary, Newcastle-on-Tyne, on April 11, Mr. James Thomson, chemist and druggist, formerly of Craigleith, Kildrummy, Aberdeenshire, aged twenty-five.

Died on Service.

Campbell.—Killed in action on April 1, Private David Campbell, of the Highland Light Infantry, aged nineteen. He was an apprentice with Mr. Thomas Beattie, chemist, Dumfries.

Daniel.—At Fakenham, on March 27, as the result of an accidental explosion of a bomb, Sergeant-Instructor Rowland Daniel, Newport, Pemb., aged twenty-two. Deceased joined the Cyclists' Battalion of the Welsh Regiment soon after the outbreak of war, being at that time with Hicks & Co., Cardiff. He afterwards became an expert in bomb technique, and had acted as instructor in bomb warfare for some time. He was one of the brightest and smartest of the many men whom pharmacy has given to the national cause, and his untimely death is deeply regretted by many friends in the drug-trade and with the Forces.

Davidson.—Killed in action, Sergt. Wm. H. Davidson, Honourable Artillery Company, eldest son of Mr. Wm. Davidson, chemist and druggist, Manchester, and formerly of Chester.

Garrell.—Killed in action recently, Drummer William Garrell, Lincolnshire Regiment, formerly with Mr. J. H. Woodward, chemist and druggist, Beston.

Hampson.—Died from wounds on April 7, Lieut. H. W. Hampson, who would have reached his majority next Wednesday. When the war broke out Mr. Hampson had nearly completed his apprenticeship in the office of Evans Sons Lescher & Webb, Ltd., Liverpool. He went to the Front with the Liverpool Scottish, and soon afterwards received his commission.

Heron.—Major J. M. Heron, Essex Regiment, officially reported killed, was chemist to Free, Rodwell & Co., Ltd., Mistley. He served for several years in the Territorials, and obtained his commission when he joined the Essex Regiment. He served in Gallipoli and Egypt. His wife is a daughter of Colonel H. N. Crozier, of Chelmsford.

McLarence.—Killed in action on April 10, Lieut. Stanley McLarence, formerly with Evans Sons Lescher & Webb, Ltd., Liverpool, as the head of their tincture department in the manufacturing laboratories. He had been with the firm for a long period, and, like Mr. Hampson, was held in high esteem by the directors and his colleagues.

Minshull.—Captain J. Lewis Minshull, a valued member of the staff of R. W. Greeff & Co., Thames House, Queen Street Place, London, E.C., was killed on April 2 whilst leading his company in action. Captain Minshull, who was only twenty-two years of age, immediately at the outbreak of war joined the Artists Rifles as a private, and received a commission in the London Regiment in January 1915. The following May he was despatched to the Front, where he went through the July offensive and the whole of the Somme advance in the autumn. Early in the spring of the present year he was mentioned in despatches "for gallantry in the field," and was advanced to the rank of captain. He was beloved by his men and respected by his fellow officers, and was also much esteemed by Messrs. Greeff and their staff. He had only been back in France for barely a week when he met his death.

Captain J. L. Minshull.

Parkin.—Killed in action on April 9, George Frederic Parkin, second-lieutenant West Yorks Regiment, aged twenty-one; also, on September 16, 1916, George Richard Parkin, Canadian Infantry, who died of wounds received same day, aged twenty-nine—only sons of the late George A. Parkin, chemist, Borrowash, Derby.

Stallman.—On April 8, in hospital abroad, of wounds received in action, Corporal Frederick H. Stallman, London Regiment, second son of Mr. J. H. Z. Stallman, drug-merchant, 29 Mincing Lane, London, E.C., aged twenty-five.

Wills.

Mr. William Russell, Gateshead, chemist to Allhusen's Chemical Works, who died on March 1, left estate valued at 3,960*l.* 16*s.* 3*d.* gross, with net personalty 3,356*l.*

Mr. William Gardner, of William Gardner & Sons, Gloucester, Ltd., engineers, who died on December 7, 1916, left estate of the value of 50,836*l.* 3*s.* 7*d.*, the net personalty being 41,548*l.* 14*s.* 5*d.*

Mr. David Howard, D.L., J.P., Buckhurst Hill, Essex, of Howards & Sons, Ltd., chemical-manufacturers, Ilford and Stratford, who died on November 14, 1916, has left a fortune of the value of 100,465*l.* 7*s.* 4*d.*, the net personalty being 94,093*l.* 1*s.* 6*d.* The will is proved by his sons, David Lloyd Howard and Bernard Farmborough Howard, to whom the testator gives all his ordinary shares in Howards & Sons, Ltd., and Hopkin & Williams, Ltd. To his son Robert he gives 1,000 preference shares in Howards & Sons, and 2,000*l.* in trust for him and his issue, the use of the household effects to his wife, 1,000*l.* to and 2,000*l.* in trust for his son Francis Alfred, 1,500*l.* in trust for each of his daughters Dora Lilian and Ethel Margaret, having already settled a like sum on his daughter Mrs. Crossman, and his share of property at Keynedon, Devon, in trust for his son David Lloyd. One-half of the residue of the property he leaves in trust for his wife for life, and, subject thereto, the whole is to be divided between his seven children.

Sunlight Soap was 8m. per bar in Berlin at the end of last month, and a cucumber cost 5m. The mark is worth a shilling there, but less outside the country.

Observations and Reflections.

By Xrayser II.

The Prescription-checking Department,

in its financial aspect, and the arrangements made with regard to the payment of the Parliamentary Secretary, are apparently among the subjects in the Pharmaceutical Society's Annual Financial statement about which, as the President puts it, we are not "entitled" to information. We simply find the money; the Society does the rest. What does it matter to us where the money goes, so long as it is gone? After all, so many items in the Society's accounts mean so little to those who do not know how they are made up that we need not boggle over the omission of one or two!

"Did the Chemist Blush?"

If he were just the ordinary chemist I know so well, I hope he did, for the ordinary chemist has not threepenn'orth of will-power to dispose of; he does not, in fact, keep the article. If he did we should soon effect some of the reforms for which we are always impotently craving, and the Council would speedily change its colour. Our discontents were never more numerous or more clamorous than they are now, but what are we doing to remedy them? Is there any evidence, for instance, of a general and intelligent interest in the impending election as a means towards definite improvement in pharmaceutical conditions? I asked a friend the other day how he was going to vote. "Oh," said he, "I shall vote for

The New Men;

I always do." That was really all he knew about the matter. Many of the new men were not even names to him; he knew absolutely nothing of their programme (if they have one); his only reason for choosing them was his dissatisfaction with "the old gang." And there are hundreds of his fellow pharmacists of whom the same might truthfully be said, just as there are hundreds more who, if they vote at all, vote for the retiring men for no better reason. They are scarcely more satisfied than my friend with the past or present doings of the Council, and they know little or nothing more than he of the men for whom they vote. But they are naturally conservative, and, as the pew-opener said to the new parson, changes, in their opinion, are usually changes for the worse. To these men I have nothing to say; their apathy is at least consistent with their opinions; but to those who clamour for reforms they do not actively endeavour to bring about I recommend Mr. Kemsey-Bourne's anecdote: what they need is "three-penn'orth o' that" (see p. 52 of last week's *C. & D.*).

The Board of Education Grant

to the Pharmaceutical Society in connection with the School of Pharmacy is the one bit of sunshine in the sombre grey of the annual statement of accounts. The grant appears to work out at about 10*l.* per student, from which I assume that the school is classed as a technical school. It is extremely satisfactory to find that for the first time in recent years, probably in its history, the school comes within measurable distance of being worked without loss to the Society, and when once more it is full up it may even be run at a profit. This raises the larger question that has often been talked of—namely, the possibility of so organising pharmaceutical education throughout the country that full advantage could be taken of Government assistance. At present schools which are run purely on a private basis cannot participate in Government grants in aid, but surely a little organisation by the genius who first thought of getting a grant for the "Square" might enable pharmaceutical education as a whole to be brought within the charmed circle of official recognition and support.

Less than 50 per cent. of the Poisons

given in the list of those causing death in 1915 were then scheduled poisons, so that more than half of those in the list may have been procured elsewhere than at the chemist's; and it is noteworthy that the unscheduled substances were the cause of death in nearly a third of the accidental cases and considerably more than a fourth of the suicides. Perhaps the most startling fact is that such irritant poisons as ammonia, carbolic and oxalic acids, and the mineral acids were responsible for half of the suicides, though they figure in only about a sixth of the accidents. Ammonia and spirit of salt between them—the sale of neither of which is confined to chemists—were employed in 68 out of 327 cases of suicide. The notice of the Privy Council ought to be drawn to these facts.

Glycerin

plays so large a part in modern pharmacy that it is difficult to understand how we used to manage without it, yet one need not be very old to remember a time when virtually we did so. When I entered the trade it was not included in our Pharmacopœia, and although it was introduced a few years later it did not then enter into more than one official preparation, suppos. acid. tannic., B.P. 1864, in which, though useful, it was hardly indispensable. Nor did we use it to any appreciable extent in the many toilet-preparations which then, as now, formed so large a part of our trade; yet I believe they were found efficacious, and certainly we said they were. It may be reassuring to remember these facts just now, and possibly a return to some of our old formulæ would be a good move.

Last Week's "Jay Macksims"

are more than usually pertinent, and the second of them recalls an experience of my own. I had virtually secured a most promising lad, the son of a schoolmaster, as an apprentice. He had not passed the Preliminary, but I had confidently undertaken to see him through it in the course of a few months. Before the indentures were completed the new regulations were announced. I thought myself bound to tell the lad's father that these might prove more formidable than the old ones, and the consequence was that he refused to let his son come to me. I never had an apprentice after that, for the simple reason that the Preliminary scared them off. I know, of course, that it was grossly unprofessional of me to accept apprentices who had not already passed it, but then I did not pass it myself until I had been four years at the counter. It is a shocking fact that I had not a friend in the trade who had passed it before his apprenticeship. It is strange, too, that most of them were as competent and successful as any pharmacist I have since known.

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

7/39. "Oceanic" hair-nets.
7/39. "The Itivino" hair-pins.
7/9. Abraham's trench-vest.
7/11. Leeming's Trimethol Syrup.
7/14. "Inadam" flesh-reducing soap.
8/12. "Corollin" or "Coraline," substitute for washing-soda.
4/32. "Celutin."
5/13. Sulphur thread.
8/13. Munyon's remedies: address of suppliers.
9/23. "Must Die" vermin-killer.
8/32. "Devonshire" lavender-water.
8/33. "Eagle" brand cotton-wool.

INFORMATION SUPPLIED.

Adhesive plaster, 2/59
Baume Bengue, 4/25
Blair's gout-pills, 4/25
Cardboard boxes with wooden frames, 3/70
Chloramine T., 3/52
Cocoa butter, 4/24
Ext. juglandis fluid., 4/24
"Germioide" inhaler, 8/14
Gilbertson's teats, 3/21
Hexamethylenetetramine (urotropine), 4/24
"Hyogen," 8/13
Kynoch's soap, 7/19
Lead acetate, 4/24
"Limestone Phosphate," 7/11
Malted milk in bulk, 7/5
McClinton's soap, 3/22
"Micajah" uterine wafers, 3/17
"Pneumosan," 9/22
Powdered rhubarb, 4/24
"Provac," 7/10
Riodin capsules, 7/13
Root-cutting machine (power), 8/26
Salt-water soap, 5/29
"Tips" nursery-pomade, 9/4

"SANITAS-CREOLEUM"
(WOOD PRESERVATIVE)
A unique preparation in three grades of Colour for preserving all forms of Wood and Woodwork against the inroads of fungoid and insect life.
In Tins, Drums, and Casks.
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Sole Proprietors of "Pylitna Powders," the internal specific for Hæmorrhoids.
Special terms for co-operation.
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"The Laboratory in the Waistcoat Pocket."
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Editorial Articles.

France and Imports.

Since we referred to this matter in our issue of April 7 (p. 43) no further developments appear to have taken place, and the decision of the Minister of Commerce has not yet been made known. There have, however, been overwhelming protests against the suppression of imports in the manner suggested by the Decree, and the Ribot Ministry has candidly admitted in Parliament that it had made a mistake, but that the extreme measure was taken in the hope of preventing the importation of superfluous merchandise. The matter was debated in the Chamber prior to the closing of Parliament for Easter, when the President of the Trades Commission demanded that the embargo be entirely lifted, but the Government's reply was that it is not the intention to suppress imports except in cases where they interfere with the interests of the national defence. Imports, therefore, are likely to continue save in the case of goods or materials which can in no possible way be of direct benefit to the country. We understand that, owing to the large numbers of forward orders taken by British manufacturers from France, the British Chamber of Commerce in Paris has made suitable representations to the French Minister with a view to protecting those orders as far as possible, and it is thought some satisfaction will be given in that respect. There is therefore ground for less alarm on the part of British exporters as regards the effect of the prohibition, although restrictions will certainly be imposed.

Drug-control in Germany.

It will have been noticed from recent issues of the *C. & D.* that the daily increasing scarcity in Germany of all kinds of crude drugs and chemicals has led to the Government taking extreme measures in order to conserve what little stocks they have. This scarcity applies equally to pharmaceutical chemicals, the output of which in Germany it would have been thought could easily be maintained, but with a few exceptions, like quinine and the bromides, the stocks of raw materials, especially those imported from overseas, are reduced to a vanishing-point, and where the raw materials do exist in a natural state

there is little skilled labour to work them up into the finished product. The result has been the issue of an almost endless number of decrees by the German Diet and the authorities of the Federal States, the effect of which has been to control and distribute many drugs and chemicals under official organisation. It would seem as though such measures should have led to decrease in prices; on the contrary, they induced a further all-round increase in values, and rampant speculation or profiteering by persons altogether outside of the drug-trade, who made a business of advertising all kinds of drugs and medicaments in the daily newspapers and by circulars. This evil became so great that, as we have already reported, extreme measures have now been taken to bring under control the existing stocks of drugs, drug-preparations, and pharmaceutical chemicals, the supplies of which exceeding certain quantities must be declared and wholesale dealing in which can only be permitted by special licence. In our issue of April 7 (p. 44) we gave a list of crude drugs and preparations so affected, to which the following have been added, quantities exceeding those given below having to be declared by wholesalers:

Acetanilide, 10 kilos.
Ammon. brom., 50 kilos.
Aspirin, 50 kilos.
Atropine and salts, 25 grams
Barbitone, 50 kilos.
Benzoic acid, 50 kilos.
Bismuth salts, 25 kilos.
Caffeine, pure, 2 kilos.
Caff. soda salicyl., 2 kilos.
Chloral hydrate, 10 kilos.
Citric acid, 100 kilos.
Cocaine hyd., 1 kilo.
Codeine phosph., 1 kilo.
Collargol, 3 kilos.
Cream of tartar, 100 kilos.
Diamorph. hyd., 1 kilo.
Emetine, 25 grams
Ethyl morphine hyd., 1 kilo.
Eucaine B., 1 kilo.
Guaiacol carb., 10 kilos.
Hexamine, 50 kilos.
Homatropine and salts, 25 grams
Hydrastine and salts, 10 grams
Iodoform, 25 kilos.
Lactic acid, 50 kilos.
Lithium salts, 10 kilos.
Menthol, 5 kilos.
Mercurial salts, 25 kilos.
Methyl. sulphonal, 5 kilos.
Milk-sugar, 100 kilos.
Morphine hyd., 2 kilos.
Neo-salvarsan, 50 tubes
Novocain, ½ kilo.
" sol., 50 tubes
Novocain tablets, 50 tubes
Phenacetin, 10 kilos.
Phenazone, 5 kilos.
Phenazone salicyl., 5 kilos.
Phenolphthalein, 5 kilos.
Phenyl salicyl., 10 kilos.
Pilocarpine and salts, 25 grams
Potassium bromide, 100 kilos.
Potassium permang., 100 kilos.
Pyramidon, 5 kilos.
Quinine hydrochlor., 10 kilos.
Quinine sulphate, 10 kilos.
Salicylic acid, 100 kilos.
Salvarsan, 50 tubes
Salvarsan sodium, 50 tubes
Santonin, 200 grams
Silver nitrate, 15 kilos.
Silver proteinate, 5 kilos.
Sodium benzoate, 25 kilos.
Sodium bicarb., 500 kilos.
Sodium bromide, 100 kilos.
Sodium salicylate, 100 kilos.
Strychnine and salts, 25 grams
Sulphonal, 10 kilos.
Supcrarenin hyd., 10 grams
Tannaform, 10 kilos.
Tannalbin, 10 kilos.
Tannic acid, 50 kilos.
Tartaric acid, 100 kilos.
Terpin hydrate, 5 kilos.
Theobromine sodium sal., 5 kilos.
Theophyllin, 1 kilo.
Thymol, 1 kilo.
Veratrine and salts, 25 grams

The penalty for dealing in these drugs without a licence is imprisonment up to one year, or a fine up to 10,000m. (500*l.*). It is interesting to note that the supply of shaving-soap is giving out in Germany, and a soap-powder substitute is to be supplied. Prepared hair-washes may only be made according to the manner prescribed by the War Committee for Oils and Fats, and must not contain more than 10 per cent. of soap, but these regulations have been disregarded, as illegally prepared hair-washes are still on the market. Middleman profiteering in Germany is being severely repressed, and we notice that a Bremen waiter was fined 50m., or ten days' imprisonment, for attempting to make a profit on soap he saw advertised in the newspapers. The inference is that "tips" are few and scarce in the Fatherland. Even trade journals decline to furnish formulæ for substitutes which infringe the spirit of the Orders laid down by the Government. We here are free agents compared with the Germans, who are paying dear by loss of comfort for their attempt to rule the world. Apart from the scarcity, it is interesting to learn that the Bundesrat has had to deal with the sale of narcotics, which has greatly increased during the war; an Order has accordingly been issued which makes it an offence punishable by imprisonment or fine to sell opium, morphine, or other narcotics (except in the wholesale trade) elsewhere than in chemists' shops, and then only as curative medicines. Wholesalers may sell only to apothekers and to persons authorised to trade in such articles by the central State authority. It may be noted that the British Orders that include opium deal particularly with the supply to Army and Navy men, and so far as cocaine is concerned a special Committee has found that the conditions amongst our population did not warrant the Order; in fact, unlike Germany, our folks have not taken to narcotics for the purpose of assuaging the horrors of war or defeat, which is the chief thing that afflicts our enemies now.

Insurance Prices for Drugs.

The National Health Insurance Commission (England) has issued to panel doctors, in accordance with a promise made in July 1916, a list of drugs and preparations, as well as appliances, which have changed in value since before the war. It will suffice to take the A B C of it. The pre-war price of acid. acetylsalicyl. was 3*d.* per oz., in January 1916 it was 4*s.* 3*d.*, and in January 1917 2*s.* 1*d.* At the corresponding periods barbitone was 1*s.* 5*d.*, 4*s.* 9*d.*, and 7*s.* 6*d.*, while caffein. cit. was 1*s.* 1*d.*, 1*s.* 11*d.*, and 2*s.* 6*d.* At the same time the 3-in. flannel bandage was, per doz., 8*s.*, 8*s.*, and 13*s.* 9*d.*, while the 5 ft. of 2½-in. I.R. bandage was 1*s.* 10*d.*, 1*s.* 10*d.*, and 3*s.* Prices now are generally less than they were a year ago. Doctors are reminded in the Memo. (231 I.C.) of the continued necessity for the utmost economy in prescribing glycerin and sugar and preparations containing them.

Venereal Diseases.

Mr. A. Mortimer, as Secretary of the Harrogate Pharmacists' Association, sent to local members of Parliament the letter printed in the *C. & D.*, March 31, regarding the Venereal Diseases Bill, and he sends us the letters he has received from the members. We quote from these without mentioning names:

"Mr. ——— will give the matter his careful attention."

"I beg to acknowledge the receipt of your letter . . . and I hope that the Committee to which it is referred may give sympathetic consideration to the points which you raise."

"I think you may take it as certain that the Bill in question will be sent to a Grand Committee, probably the same as the other Bill dealing with the same subject. . . . I will hand your letter to a member of the Committee, who, I consider, will give the suggestions made his careful thought."

"I note the contents of your letter. It appears to me to be reasonable and right that chemists should be protected from any prosecution or penalty for selling common articles which you mention. I presume you will be able to get some member with special knowledge to move suitable amendments when the Bill comes before the House of Commons."

Letters were also sent to other M.P.s, including the Prime Minister, who acknowledged receipt.

Mr. Mortimer has become an Associate of the National Council for Combating Venereal Diseases, the Secretary of which "thinks it wise for as many chemists as possible to join it." We notice that the Pharmaceutical Society does not like chemists to do as Mr. Mortimer and other *C. & D.* readers have done, and advises that before taking any steps in the direction of approaching members of Parliament they should first consult headquarters as to the methods to be used. The Society might as well have said the *C. & D.* has been too smart for it. These letters from which we have quoted prove that not the slightest harm has been done, but good, and the "Square" folks seem to be jealous in consequence, which is not worth while. Even the C.D.A. is now moving.

American Health Insurance.

The American Pharmaceutical Association is concerned with proposals to establish compulsory health insurance in the United States, and the "Journal" of the Association has published opinions of medical men and pharmacists in regard to it. At the present time, when Von Bethmann-Hollweg, the German Chancellor, is so familiar to us, it is interesting to know what he said about the subject in the Reichstag on February 9, 1909:

"The conditions of the medical profession have been gravely affected by our insurance legislation, and by the extension of the field of operation of the insurance companies these conditions will not be improved. The medical profession requires the privilege of activity as free and as extensive as possible. This freedom of movement of the entire medical profession as a whole, and chance of the individual physician for establishment of a secure position of life, becomes considerably narrowed when large groups

of the population have been excluded from free competition. It cannot be denied that the sickness insurance has contributed to this end by creating and furthering the system of appointment of physicians by sickness insurance funds."

This is quoted by Dr. Julius H. Hess, one of the writers on the subject. The only one who deals definitely with the English position is Mr. Edmund N. Gathercoal, who states that the proposed Bill (upon which the discussion is based)

"has most of the features of the English Health Insurance Act, which is being much condemned. As pharmacists, if the English pharmacist's experience is any criterion, we had better stay out of it. For in England, while it is true that the number of prescriptions compounded is much increased, yet the established prices are so low that the net returns are not adequate, and there is general demand that the pharmacist's position under the law be improved."

Whether or not the States will go on with the matter now has yet to be determined, but from what we know of British Health Insurance we think that even Mr. Lloyd George, to whom we owe it, would not introduce it until after the war.

When Peace Breaks Out.

If there should be any lingering doubt as to what a patched-up peace with Germany means, the following extract from an article contributed by Dr. Walter Rathenau (chairman of the well-known Berlin electrical company the "A. E. G.") to the "Lokal Anzeiger" should set it at rest, especially as the sentiments expressed in an official organ have no doubt the approval of the authorities.

"We began the war a year too soon. When we have secured a German peace we must begin at once a reorganisation upon a broader and firmer basis than ever before. Establishments that produce raw materials essential to the army must not only continue their work, but enter into it upon lines of increased energy, forming thus the kernel of economic Germany in preparing in the economic sense for the next war. We must carefully calculate in advance, in view of lessons learned in this war, what our country lacks in raw material or essentials of raw material, and secure immense reserves to remain unused until a day in the future. We must organise as genuine an industrial mobilisation as we had a military mobilisation. Every technician or semi-technician, enrolled or not in the list of mobilised, must be empowered through official credentials to take charge and direction of a given establishment upon the second day following a new declaration of war. Every establishment manufacturing for commercial purposes must be mobilised also, and understand officially that upon the third day after declaration of war its entire abilities are to be devoted to serving the army upon demand."

The above extract is taken from the monthly circular of the British Empire Producers' Organisation, which has received information that Germany's after-war trade plans aim at the almost entire abolition of individual freedom in export business, and that exportation will be controlled by Committees in each industry, one regulation being that no foreign country shall be supplied with German goods unless it is willing to send back raw materials in return. The control of her exports as a means of collective bargaining is ingenious, as so many countries had become dependent on Germany for their supplies, but they are now less embarassed than they were. When commerce is eventually resumed with Germany, one of the chief points of adjustment will be the value of the mark—it may only be worth about sixpence in the eyes of other nations, while the value of raw materials from the British Empire when sold to Germany may be trebled.

Montserrat Papain.—The production of papain has been well maintained in the island of Montserrat, and a demand for larger supplies promises to increase the volume of exports in the near future.

This Happened in a Scotch Pharmacy the other day:

Enter a breathless "Bud" with a halt in his speech, who exclaimed, "Pip! pip! pip! penny-orth o' borax for wasshin' yer mooth wi." Chemist (an Aberdonian) in wrath, to porter: "Pit! pit! pit him oot."

Who said the no less than twopence movement was on the increase?

Scientific Progress.

Temperatures under this heading are on the Centigrade scale.

X-ray Screens.—The intensifying-screens used in radiography are likely to be increased in sensitiveness by 200 or 300 per cent. within the next few months, stated Mr. T. Thorne Baker, F.C.S., at the last meeting of the Röntgen Society. Methods have also been evolved whereby the size of the crystals can be controlled, with the result that the grain is no larger than that of the photographic plate.

An Artemisia Essential Oil.—Yoshikazu Imada reports in "Yakugakuzasshi" that he has examined the essential oil of *Artemisia annua*, L., which is a light-yellow liquid with a curious camphor smell. Its sp. gr. at 15° C. is 0.8984, and its specific rotation −16.71°. On distilling 270 grams of the oil the author obtained five fractions, viz.: 80 grams at 62°-70°, 88 grams at 70°-80°, 39 grams at 80°-90°, 19 grams at 90°-100°, and 20 grams at 100°-108°, with a residue of about 30 grams. In the first fraction he could find no phellandrene, pinene, limonene, or dipentene. The second fraction contained cineol, and the third yielded a body to which the formula $C_{10}H_{16}O$ is given, while a semicarbazone, $C_{10}H_{16}.N\text{-}NH\text{-}CO\text{-}NH_2$ (m.p. 95°-96°), was obtained, which could not be identified with any known substance.

Medical Gleanings.

Softening Celluloid.

Celluloid employed for surgical purposes is often intractable owing to the difficulty in adapting it to the positions it is intended to occupy. Mr. G. S. Thompson, F.R.C.S., in the "British Medical Journal," states, however, that if celluloid is soaked in ether for a few hours it swells slightly and becomes soft as jelly. In this condition it is taken out, moulded, and allowed to dry, when it resumes its original thickness and appearance, while retaining the shape into which it has been moulded. Ether being a powerful bactericide, the sterilisation of the celluloid is ensured.

Thymol Mouth-wash

Dr. Helen P. Goodrich, in the "British Medical Journal" (1917, I., 473), gives the results of a research on mouth-washes. The ideal to be aimed at is to prevent the growth of *Leptothrix buccalis*, which causes tartar, and is also, it is believed, the cause of pyorrhœa. To attain this end, whilst a tooth powder or paste is only necessary once a day for polishing the teeth, a mouth-wash must be used with a soft brush as often as possible. The research was directed to finding a satisfactory antiseptic mouth-wash, and this was found to be a saturated aqueous solution of thymol, which is both cheap and effective. The saturated solution of thymol has a pleasant taste, causing a temporary burning sensation and stimulating a flow of saliva. It is a stronger antiseptic and less irritating than carbolic acid, is not acid, and is free from the corrosive action of phenol. It is, moreover, harmless if swallowed. For ordinary use a saturated solution may easily be prepared by putting a lump of thymol into a bottle of cold or warm water, and allowing it to stand for some hours with occasional shaking. The other substances which Dr. Goodrich tried, but found less efficacious, were boracic acid, emetine hydrochloride, harmine hydrochloride, iodine, hypochlorite solution, hydrogen peroxide, potassium permanganate, zinc sulphocarbolate, and flavine.

Things Worth Knowing.

By "Hugo."

When a pill-mass is too smooth to roll properly, dust a very little magnes. carb. pond. on the machine. This causes the mass to grip, and facilitates the rolling-out process.

When your rubber-stamp inkpad is dry, moisten it with a mixture of glycerin and water. Repeated applications of this mixture worked into the pad will enable you to do without fresh ink for long periods.

An excellent method of removing gummed labels from bottles is to moisten the label with a mixture consisting of methylated spirit 1, water 3, and glycerin ½ (if you have it to spare). Keep this solution ready and apply with a plug of wool; allow it to remain on for a couple of minutes, when the label may be easily pulled off.

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Complaint against a Chemist.

The National Health Insurance Commission (England) has, as a result of the report of the Inquiry Committee (*C. & D.*, March 10, p. 86), decided that the continuance on the chemists' panel of Mr. T. S. Beckett, 67 Victoria Dock Road, Canning Town, E., would be prejudicial to the efficiency of the service. Mr. Beckett's name has accordingly been removed from the list of chemists.

Complaints against Doctors.

The National Health Insurance Commission (England) has issued the report of the Inquiry Committee (*C. & D.*, January 27, p. 113) regarding complaints against Dr. W. S. Lewis, 96 Redcliffe Gardens, South Kensington, S.W., and has decided to remove the name of the doctor from the panel. Mr. Arthur Pyke, solicitor to Dr. Spencer Lewis, informs us that he is placing the matter before counsel, and has so informed the Commission, the object being to determine whether further proceedings will be taken or not to review the decision of the Commissioners.

Another inquiry, held at South Shields on January 26, was in regard to Dr. W. S. Daroux, 73 Laygate, South Shields, whose name the Commissioners have also removed from the panel. In this case complaints were made of lack of attention to two insured persons. In the case of one of these persons a charge was made for attendance and also for medicine which was stated to contain herbs obtained from India. The second patient, who afterwards died of an internal cancerous growth, was not examined by the doctor, with the consequence that his diagnosis was wholly wrong.

Reports from Local Centres.

ENGLAND.

Blackburn.—At the meeting of the Insurance Committee on April 11, the Pharmaceutical Committee reported that Mr. J. E. Isherwood had been appointed to fill a vacancy on that Committee. The Joint Committee which had considered the enlistment of chemists and their assistants reported that they had been before the Advisory Committee, and had been told that the Insurance Committee's applications for conditional exemptions were the most difficult the Committee had to deal with, and discussions at several meetings led to no definite decision. The Tribunal respected the Committee's recommendation, but, on the other hand, they had implicit instructions from the War Office not to exempt men under thirty-one fit for general service. It was suggested that these men should be medically examined, so as to enable a better understanding to be reached in the light of their military classification. It was decided by the Insurance Committee to notify chemists and their assistants that they should submit themselves to the Medical Board. The question is to be further considered at a future meeting. The Prescription Bureau wrote on the question of reassessment of drug prices, which showed that the new rates, compared with the Tariff prices in Article V., expressed as a percentage of the latter, were (*a*) 86.85 per cent. for first quarter of 1916; (*b*) 87.43 per cent. for the second quarter, and (*c*) 86.48 per cent. for the third quarter. A return showed that for 1916 the amount payable by Constituent Committees of the Lancashire Prescription Bureau in respect of the additional war allowance of 0.3*d.* per prescription was 1,361*l.* 16*s.* 2*d.*, the ten Committees having standing to their names 1,089,452 prescriptions.

Derbyshire.—The Insurance Committee was informed on April 16 that a complaint had been received from a panel chemist that a panel doctor had warned his insured patients against having their medicines made up by him. In his written answers to questions addressed to him on the subject the doctor attempted to justify his action. Neither of the parties appeared before the Medical Service Sub-Committee when the complaint came up for investigation, and therefore the case was not proceeded with.

Durham Co.—A meeting of the Insurance Committee was held on April 12, when a communication was submitted from the Insurance Commissioners, intimating the observance of the requirements of the Home Office Closing Order does not necessitate the extinction of light and the locking of doors. The Commissioners stated that there appears to be no reason why the Order should be observed in any area in a manner which would tend to lead insured persons to infer from the external appearance of the premises that they are wholly closed.

Lancashire.—At a meeting of the Insurance Committee held on April 16 at Preston, the Special Sub-Committee on the Drug Service reported that they had had a conference with representatives of the Pharmaceutical Committee with regard to the position of the drug service in eight areas in the event of the chemists or their assistants being called up for military service. The Sub-Committee recommended that with regard to the drug service in seven of the areas no action be taken, but that in the remaining area the Committee be recommended to keep at least three shops open for the supply of drugs and appliances to the civil population and insured persons in the Mossley district.

SCOTLAND.

April Prices.—The April appendix contains alterations in the prices of forty-eight drugs and one appliance; fifteen decreases and thirty-three increases. Cotton-wool is dearer, and it is advisable to use sparingly such dressings as are not starred. Chemists are advised to interest themselves in the formation of District Committees to deal with the treatment of venereal diseases. Such Committees will probably be concerned with the supply of drugs and appliances, and in this connection the technical knowledge of pharmacists will be of great value to the Committees. Annexed are the new prices:

Name	oz. s.	oz. d.	dr. s.	dr. d.
Acetanilid. ...	0	4½	0	1
Acetomorph. hyd.	6*s.* 6½*d.* dr., 2*d.* gr.			
Acid. acet. glac....	0	4	0	1
Acid. acetylsal.	2	1½	0	4
Acid. benzoic. ...	4	0	0	7
Acid. citric. ...	0	4½	0	1
Acid. hydrobrom. dil.	0	2	0	0½
Acid. salicyl. ...	0	7½	0	1½
Acid. tartaric. ...	0	4	0	1
Adeps benz. ...	0	2½	0	0½
Adeps lanæ ...	0	4½	0	1
Ammon. brom.	0	7	0	1
Atrop. sulph. 30*s.*	10*d.* dr., 7½*d.* gr.			
Caffeinæ cit. ...	4	0	0	7
Chloroform. ...	0	6	0	1
Cocain. hyd. 7*s.*	11½*d.* dr., 2*d.* gr.			
Collod. bellad., B.P.C. ...	1	2½	0	2½
Collod. salicyl. co., B.P.C. ...	0	10½	0	1½
Creosoti carb. ...	6	4	0	11
Creosotum ...	1	5	0	2½
Ext. cas. sag. sic.	0	8½	0	1½
Ext. ergot. (ergotin)	—		0	5
Ext. ergot. liq. ...	0	6	0	1
Ext. malt. c. morrh.	1*s.* 7*d.* lb.			
Ext. nuc. vom. sic.	1	5	0	2½
Ext. opii liq. ...	0	7½	0	1½
Ext. opii sic. ...	10	9	1	6½
Ferri ammon. cit.	0	4½	0	1
Guaiacol carb. ...	18	8	2	8
Hexamina ...	0	6	0	1
Hyd. ammon. ...	1	1½	0	2
Hyd. iod. rub. ...	1	10½	0	3½
Hyd. ox. flav. ...	1	1½	0	2
Iodoform. ...	2	5½	0	4½
Iodum	1	9	0	3
Lin. camph. ...	0	2	0	0½
Lin. chlorof. ...	0	6	0	1
Lin. meth. sal. co.	0	10½	0	1½
Lin. opii ...	0	6½	0	1
Lin. pot. iod. c. sapo.	0	3½	0	0½
Liq. opii sed., B.P.C. ...	0	11	0	2
Mag. carb. lev. ...	0	1½	0	0½
Mag. levis ...	0	3	0	0½
Malourea ...	16	10	2	5
Ol. menth. pip. ...	1	5	0	2½
Ol. morrhuæ ...	3*s.* 4*d.* pint			
Ol. olivæ ...	0	1½	0	0½
Ol. ricini ...	0	1½	0	0½
Ol. santal. ...	5	10	0	10
Opium pulv. ...	5	3	0	9
Paraldehyd. ...	1	9	0	3
Phenacetin. ...	10	6	1	6
Phenazon. ...	5	11	0	10½
Phenolphthalein.	10	6	1	6
Pot. bromid. ...	0	8	0	1½
Pot. iodid. ...	1	4½	0	2½
Pot. permang. ...	1	5½	0	2½
P. cret. ar. c. opio	0	3½	0	0½
P. opii co. ...	0	9½	0	1½
Quin. hydroch. ...	6	4	0	11
Quin. hyd. acid.	7	8½	1	1½
Quin. sulph. ...	5	2	0	9
Resorcin. ...	16	1½	2	4
Salicin.	4	0	0	7
Salol.	1	6½	0	3
Sod. benz. ...	3	3½	0	6
Sod. brom. ...	0	4	0	1
Sod. iodid. ...	2	0	0	3½
Sod. salicyl. ...	0	10	0	1½
Sulphonal ...	6	4	0	11
Syr. ferriphos. co.	0	1½	—	
Syr. glycerophos. co., B.P.C. ...	0	3½	0	1
Syr. pruni virg.	0	2	0	0½
Tab. phenacet., B.P.C.	1*s.* 5*d.* doz. (rate of)			
Tab. phen. co., B.P.C.	1*s.* 5*d.* doz. (rate of)			
Tr. iodi fort. ...	0	7½	0	1½
Tr. opii ...	0	7½	0	1½
Tr. opii ammon.	0	7	0	1
Ung. belladon. ...	1	6½	0	3
Ung. gall. c. opio	0	8	0	1½
Ung. hydrarg. ...	0	4½	0	1
Ung. hydrarg. co.	0	4	0	1
Ung. hydrarg. iod. rub.	0	3½	0	0½
Ung. sulph. ...	0	2½	0	0½
Ung. zinci ...	0	2½	0	0½
Vin. ipecac. ...	0	3	0	0½
Domette band., 6 yd. 2½ in., 15 oz., 9½*d.* each.				
Do. 3 in., 18 oz., 11*d.* each.				
Sal alembroth lint, 4*d.* oz., 3*s.* 4*d.* lb.				
Cotton-wool (interleaved) in pkts., 1-oz. packets, 2*d.*; 2-oz., 3½*d.*; 4-oz., 6*d.*; ½-lb., 10½*d.*				
Bandages weight to be calculated without paper.				

Forfarshire.—A meeting of the Insurance Committee was held on April 14, when the Clerk stated that the average amount received by the sixty-one doctors on the panel was 200*l.* per annum. One doctor received 600*l.* The report by the Central Checking Bureau, submitted by the Clerk, showed that the Committee's drug bill for the year amounted to 1,343*l.* 4*s.* 5*d.*, a reduction of 124*l.* 6*s.* 7½*d.*, or 8.5 per cent., compared with the preceding year.

WALES.

Breconshire.—At the meeting of the Insurance Committee last week, the Clerk was instructed to ask the Commissioners whether the Drug Fund will admit of an extra allowance being given to the chemists for dispensing after closing-hours. The Committee had before it an analysis from the Cardiff Insurance Committee of the prescriptions for the last quarter of 1916.

Denbighshire.—A meeting of the Insurance Committee was held on April 5. The Chairman (Mr. D. S. Davies) mentioned that there is not a single case on the waiting-list of patients needing sanatorium treatment. The report, which is believed by some persons, that doctors did not give patients the best possible medicine is untrue. The Committee has made no restrictions in this matter. He had received a complaint from one chemist that he had made up bottles of medicine for patients which were not called for. The Pharmaceutical Committee thanked the Committee for its consideration. Dr. Yates, referring to the patients who had not called for medicine, thought the matter should be taken up seriously. The case indicated waste of time on the part of the chemist and the doctor. He thought the patients should be made to pay for the medicine.

Associations' Winter Session.

Edinburgh.—Mr. James Adamson presided at the annual business meeting of the Edinburgh Chemists', Assistants', and Apprentices' Association, held at 36 York Place, Edinburgh, on April 11, when Mr. Arthur Cairns (Hon. Secretary) submitted the report on the Winter Session, and Mr. J. Tait submitted the Treasurer's report, showing a balance in hand of 4*l.* 3*s.* 6*d.* Both reports were approved. The following office-bearers were elected: James Adamson, *President*; J. H. Tainsh, *Vice-President*; Arthur Cairns, 16 Comely Bank Place, *Hon. Secretary*; Henry Blair, *Assistant Secretary*; Margaret Boag, *Treasurer*; and Messrs. Currie, Glass, McFarlane, McLaren, Robertson, Smith, Stout, and Tait, *Members of Committee*. The Price Committee to consist of the President, Vice-President, and Secretary, with Messrs. Smith, Stout, and Tait. Mr. Henry Blair read an interesting paper on *Opium*, specimens of opium and its alkaloids and other constituents, kindly lent by T. & H. Smith, Ltd., being described by Mr. Stout. Mr. Arthur Cairns also read a paper on *Cochineal*, and both contributors were thanked.

Great Yarmouth.—The annual meeting of the Great Yarmouth Pharmaceutical Association was held on April 4, Mr. Goddard (President) in the chair. There were also present seven members and Mr. J. S. Shearman (Hon. Secretary). The annual report and balance-sheet were adopted. It was agreed to send the surplus (2*l.* 12*s.* 8*d.*) in hand to the Benevolent Fund. The officers were elected as follows: *President*, Mr. T. B. Male; *Hon. Secretary*, Mr. J. S. Shearman; *Committee*, Messrs. Poll, Richmond, and Woodcock; *Auditor*, Mr. Harvey Palmer; *Special Insurance Committee*, Messrs. Palmer, Richmond, and Shearman. Votes of thanks were given to the retiring officers.

Grimsby.—The annual meeting of the Grimsby Pharmacists' Association was held on April 2, Mr. Colley (President) in the chair. There were also present seven members and Mr. E. W. Bowskill (Hon. Secretary). The President, in reviewing the work of the past year, urged the importance of pressing for better remuneration for Insurance work, especially for dressings, which are now in some cases supplied at a loss. The following officers were then appointed: *President*, Mr. R. C. Johnson; *Vice-President*, Mr. W. E. Humphrey; *Treasurer*, Mr. C. Dewing; *Hon. Secretary*, Mr. E. W. Bowskill. The sum of one guinea was collected for the Benevolent Fund, and 2*l.* was voted the Parliamentary Representation Fund.

Lanarkshire.—The annual general meeting of the Lanarkshire Pharmacists' Association has been held at 165 Hill Street, Glasgow. Satisfactory reports by the Secretary and the Treasurer were approved, and the following office-bearers were elected: *President*, Mr. Balfour Reekie (Hamilton); *Vice-President*, Mr. Arthur Flett (Uddingston); *Treasurer*, Mr. James Lohoar (Hamilton); *Secretary*, Mr. W. Spence Culbert, 39 Stirling Street, Airdrie; *Committee*, Messrs. Hendry, Ferguson, Rennie, Garvie, Walls, Campbell, and Robertson. Subsequently Miss Millar read a paper on her *Experiences and Observations in a Red Cross Hospital*. This described work in the Bellahouston Hospital, where she is dispenser. She appealed to pharmacists to help Red Cross work, and many subscriptions were promised. Thanks were accorded to Miss Millar and others.

Lancashire.—The Federation of Lancashire Pharmaceutical Associations held its first general meeting at the Royal Institution, Liverpool, on April 18, over thirty delegates representing the county being present. Mr. William P. Evans (President of the Liverpool C.A.) welcomed the delegates to the rooms of the Liverpool Association on their assembly there for the first time. He had no doubt that under the presidency of Mr. F. W. Bates (Manchester) the meeting would prove a success. Personally he wished all the delegates to know that the session of the local Association would be wound up by an impromptu concert the same evening, and ladies had been invited. He hoped as many delegates as had late trains would remain and join in what would be found a pleasant gathering. (Applause.) Mr. Bates reciprocated the words of welcome which had fallen from Mr. Evans, and expressed the opinion that great advantage to pharmacy must result from the conference of delegates representing Lancashire. The Hon. Secretary (Mr. W. H. Clubb, Liverpool), who read the draft of the provisional constitution, invited criticisms, amendments, and additions. The President said the places of meeting had been left open, it being thought desirable to meet at various accessible centres. It was agreed that a quorum for a general meeting shall consist of representatives of at least four Associations The President stated that about twelve Associations had been embraced by the Federation. The Associations already fully federated were: Liverpool, Manchester, Barrow-in-Furness, Salford, Blackpool, Blackburn, the Lancashire County Association (about twenty-five districts), and Warrington. The draft constitution, as verbally amended, was approved. A short conversation ensued *re* the Pharmaceutical Council election. It was resolved to recommend the Associations to vote for the five retiring members of the Council standing for re-election, and to leave to individual discretion the voting for the remaining two seats. *The Future of Pharmaceutical Education* produced a long and interesting debate after an expository introduction by Mr. James Grier, M.Sc. (Manchester). The general opinion was that, as the national system of education is going into the melting-pot, the Pharmaceutical Council should be asked to place pharmaceutical education on a basis which would be fully recognised by all the education authorities and the public. The training of apprentices should be accompanied by attendance at day-classes in technical schools, and the Schools of Pharmacy should obtain the recognition of the Pharmaceutical Society and the Board of Education, and their association with the Universities was also desirable. The Qualifying examination, it was agreed, must remain in the hands of the Pharmaceutical Council. A resolution was adopted demanding a six months' curriculum or its equivalent for all candidates for the pharmaceutical examination. The Wigan delegate moved, and the Liverpool delegate seconded, a resolution enjoining upon the Associations to continue for at least another year the current early-closing regulations. It was suggested that the regulations should be made compulsory and permanent. A vote of thanks to the Liverpool C.A. as hosts preceded an adjournment to tea. Mr. Arthur Peake and Mr. J. B. Shattock (Vice-Presidents of the Federation) and Mr. C. A. Critchley (Hon. Treasurer) were among those present, together with several members of the Pharmaceutical Council.

Liverpool.—The closing meeting, a social one, of the L.C. session was held on April 18, at the Royal Institution. Mr. W. P. Evans (who presided and had been assisted at the reception by Mrs. Jack Evans) welcomed the President of the Federation of Lancashire Pharmaceutical Associations (Mr. F. W. Bates) and the President of the Wallasey C.A. (Mr. Wherley), together with the many ladies present. Four new members were elected: Messrs. W. B. Wood (Ormskirk), Killon (Kingsley Road), Stephens (Green Lane), and Simon (Brownlow Hill). Subsequently Mr. Wherley was enrolled amid much enthusiasm. A vocal and instrumental concert followed, comprising items by Mrs. Ashcroft, Mrs. Bain, Miss Bain, Messrs. John Bain, J. H. Darbyshire, Ferriday, Nicholson, A. L. Rogers, and Sam Rouse (concertina), all being members, wives, or daughters of members, or on the staffs of the wholesale houses. The gathering proved highly successful in every way. An expression of opinion in favour of the continuance of early-closing was elicited, local action to be taken if necessary.

London (E.).—A meeting of the East London Pharmacists' Association was held at Limehouse on April 12, Mr. A. R. Keith (President) in the chair. The President reported on the proceedings of the last meetings of the London County Executive and the Pharmaceutical Committee respectively, and gave some information on recent proceedings of the Council of the Proprietary Articles Trade Association. The Secretary (Mr. B. Abelson) urged the necessity of better attendance at the monthly meetings. Suggestions were made with a view to induce members to take a more active interest in the Association, and the matter was left finally in the hands of the Committee. Bowling will be resumed at Poplar next month.

London (N.).—A meeting of the North London Pharmacists' Association was held at St. Padarn's, Holloway, on April 12, Mr. C. W. Matthews (President) in the chair.

Mr. Herbert Skinner (Secretary) reported that fifty guineas, the proceeds of the annual social evening and donations, had been handed over to the Great Northern Central Hospital, and he thanked the members for the handsome tribute which the gift implied to himself. Mr. Skinner referred to topical matters, including the pooling of stocks of glycerin for dispensing-purposes. He mentioned that an intelligence department is to be set up to give information on prices, which are at present subject to great variations. Mr. Skinner next mentioned the attack made upon him at the last meeting of the Council of the Pharmaceutical Society, and that he had frankly apologised for two paragraphs in the "Script" which had escaped his censorship, and which bore a personal bias. He should still, however, remain a critic of the Council, but, as he had not the slightest wish to continue a member unless he retained the full confidence of the Association, he handed in his resignation of his seat on the Council. The meeting, however, unanimously declined to accept Mr. Skinner's resignation, and a motion to this effect was carried by acclamation. Mr. J. Kirkpatrick then addressed the meeting in support of his candidature for a seat on the Council. The meeting pledged itself to support Messrs. Jenkin and Kirkpatrick, financially and otherwise.

London (S.W.).—A meeting of the South-West London Pharmacists' Association was held on April 10, there being about thirty members present. Four new members were elected. The Association now numbers 162 members, of whom four are ladies. A debate on *The Association* was opened by the Secretary, who gave a critical analysis of the numbers attending the meetings, which he said pointed to the apathy existing among members generally.

Manchester.—The annual meeting of the Manchester Pharmaceutical Association was held at 69 Market Street on April 11, Mr. W. Kirkby, M.Sc., Ph.C. (President), in the chair. The annual report of the Secretary (Mr. T. Miller) was received with acclamation, as was also the Treasurer's report and balance-sheet. The Council was then re-elected *en bloc*, and the officers were thanked for their services. Mr. A. Hershberg, Secretary of the Pharmaceutical Committee, also received a vote of thanks. At the close of the meeting a discussion took place on the early-closing movement, and it was decided to refer the question to the Council for immediate consideration.

Newcastle-upon-Tyne.—A meeting of the Newcastle-upon-Tyne Pharmacists' Association was held on April 11, Mr. J. F. Simpson (President) in the chair. Mr. T. M. Clague, Ph.C., gave a lecture on the *Genius and Work of Thomas Bewick, Wood-engraver and Naturalist*, illustrated by lantern-slides, showing scenes from Bewick's life and reproductions of his best woodcuts. The lecturer, being an authority on Bewick and Bewickiana, was able to explain much in the master's works that has been misunderstood—even by such a critic as Ruskin—and paid an eloquent tribute to the way in which Bewick raised the current standard of art and morals of his time. Mr. Clague handed round to the members, after his lecture, a few examples of Bewick books from his own collection. It was announced at the close of the meeting that Mr. J. F. Simpson would remain in office as President for another year.

Oxford.—The twentieth annual meeting of the Oxford Chemists' Association was held on April 4, Mr. F. K. Loxley (President) in the chair. The Hon. Secretary (Mr. H. C. Goodall) read the annual report and particulars of the financial statement. The membership numbers twenty-seven, and the balance in hand is 22*l.* 18*s.* 9*d.* The following officers were elected: *President*, Mr. H. H. Swift; *Vice-Presidents*, Mr. Loxley and Mr. G. B. Rose; *Hon. Secretary and Treasurer*, Mr. H. C. Goodall; *Committee*, Alderman C. Clayton and Messrs. C. Bellamy, J. Dolbear, R. G. Neave, and W. T. Ransom.

West Bromwich.—A meeting of the Executive of the West Bromwich Pharmaceutical Association was held on April 10 at Mr. Barnes's house, Mr. E. Beattie (President) in the chair. Market prices were discussed and retail prices adjusted. The circular-letter from the President of the Pharmaceutical Society, regarding Parliamentary representation, was considered, and the Executive resolved to give a lead to the members in supporting Parliamentary representation of pharmacists, the following sums being subscribed: Mr. Beattie, 10*s.* 6*d.*; Mr. Rex Allen, 1*l.* 1*s.*; Mr. Griffith, sen., 1*l.* 1*s.*; Mr. Hampton, 5*s.* (third donation): Mr. Harper, 10*s.* 6*d.*: Mr. Kemsey-Bourne, 1*l.* 1*s.*; Mr. Withers, 10*s.* 6*d.*; Mr. Barnes, 10*s.* 6*d*

American Potash.—The total production of potash salts and potash products in the United States in 1916 amounted to about 10,000 short tons, of a net value at point of shipment of $3,500,000. A much larger output is expected for 1917.

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

The Closing Order.

It was officially announced on Wednesday, April 18, that the Home Secretary has decided to extend the closing order during the summer months and to retain the existing hours of closing. It may be necessary to make some exception in respect of certain articles of food of a perishable kind, which, in the summer, cannot be kept overnight without causing waste of food.

New Pattern Crutches.

Sir G. Toulmin, M.P., was on Tuesday informed by Mr. Ian Macpherson that the new pattern split-ash crutches with adjustable horizontal handles admit of the weight of the body being borne by the hands, and guard against possible ill-effects of the old pattern. The new pattern was adopted in 1915 for Army use, and none of the old pattern are now supplied. The old pattern has for the most part been replaced by the new pattern.

The Cocaine Question.

Our Parliamentary correspondent states that owing to the unfortunate illness of the Home Secretary it has not been found possible to arrange the interview which was to have taken place with a number of members of Parliament interested in the cocaine question before the recent recess. In the event of a conference not being possible before the end of the present month, when the permit expires, it is probable that the suggestion will be made that a further extension for a period should take place.

Mr. P. W. Raffan, M.P., has given notice to ask the representative of the Home Secretary in the House of Commons next week whether the Department is prepared to extend the permit for a period.

Personalities.

Mr. H. W. Langmead's address is 145 (not 143) Fenchurch Street, London, E.C. 3.

Mr. D. Davison, Ph.C., Cromer, has been elected Chairman of the Urban District Council.

Mr. Thomas Critchley, J.P., chemist and druggist, Blackburn, celebrated his eighty-second birthday on April 15 in excellent health, and received many congratulations.

Mr. A. E. Richmond, chemist and druggist, St. Peter's Road, Yarmouth, has been offered a seat on the Town Council to fill a vacancy arising in St. Peter's Ward.

Mr. G. W. French, chemist and druggist, manager of Boots' East Ham (Barking Road) branch, has been elected as people's warden for the parish church of East Ham.

Dr. Geoffrey Martin, F.I.C., F.C.S., has been appointed director of the Research Department of the Co-operative Wholesale Society, which has acquired concessions in West Africa, Nigeria, and elsewhere.

Mr. Wynne Williams, pharmacist, late of 88 Chalk Farm Road, N.W., has removed to corner premises next door. The new pharmacy has been handsomely fitted by Mr. George Cook, Macclesfield Street, City Road.

Sir Francis Watts, K.C.M.G., D.Sc., Imperial Commissioner of Agriculture for the West Indies, is now in Jamaica to advise with regard to the development of the sugar-industry. Sir Francis passed the Minor examination in October 1881, and since he graduated in science has acted as a Colonial analyst, and latterly as an Administrator.

Professor Joseph P. Remington, F.C.S., of Philadelphia, celebrates his jubilee as a member of the American Pharmaceutical Association this year. It was in September 1867, while he was with Dr. E. R. Squibb, that his preceptor entertained to breakfast Mr. Samuel M. Colcord, of Boston, Dr. Henry T. Cummings, of Portland, Maine, and Professor George F. H. Markoe, of Boston, all of whom had held office in the Association. Professor Remington tells in "Meyer Brothers' Druggist" that he was at the breakfast, and was then twenty years old.

The Side-line of fertilisers is one which may with advantage be cultivated by the pharmacist—such things as ammon. phosph., ammon. sulph., and insecticidal substances, such as naphthaline, quassia, etc., being to the fore, as also ferrous and cupric sulphate for the fruit-grower. Advice is often sought in the country on these subjects from the pharmacist.

Trade Report.

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities. As a result of the War wholesale houses have had to contend with many fresh difficulties, some of which have involved greatly increased expenses. Shortage of labour with higher wages (equal to almost double pre-war rates) has a direct effect upon values of goods, as also have railway carriage, freights, cartage, and other charges. The foregoing and other incidental outlays prevent retail buyers purchasing at the market prices quoted here.

42 Cannon Street, E.C. 4, April 19, 5.30 p.m.

Business conditions remain much as previously reported in the chemical and drug markets, and the changes in values, although fairly numerous, are, with few exceptions, slight, but mostly in favour of holders. In view of the great battles taking place in Western Europe, it is felt that events of a decisive character may be imminent, so that there is very little business passing for forward delivery, trading being mostly confined to spot or near at hand. Owing, however, to the importation of many higher priced articles having been given up, there is a serious shortage in a number of products which formerly were regularly stocked here, and the prices remain abnormally dear. It is thought, however, that many such have reached their highest point, and a gradual decline may be looked for. Caution is therefore recommended in the purchase of all chemicals, except, of course, those natural products in which there is a world shortage. Senega has been in better demand, and prices are now 3*d*. higher on spot. High-dried rhubarb is also dearer. Druggists' cinchona at auction sold at higher rates; quinine is quiet, but steady. Menthol flat. Glucose is very scarce. Among the fine and synthetic products, phenacetin, phenazone, hydroquinone, pyramidon, acetanilide, and chloral hydrate are firmer; tannic acid is firm at last week's advance. Acetyl-salicylic acid, salicylic acid, and salol are selling in buyers' favour; sodium salicylate has been sold freely to arrive. Among essential oils, clove is 2*d*. dearer; lemon, bergamot, and orange oils are also higher, chiefly as the result of a lowering in the Italian rate of exchange; Geranium oils of all descriptions are firmer. In Japanese oil of mint a good business has been done at cheap rates. Cassia is steady, with some arrival business, but star-aniso is very quiet.

Higher	Firmer	Easier	Lower
Bergamot oil	Acetanilide	Calcium lactate	Antimony (crude)
Castor oil (Eng.)	Chloral hydrate	Coriander-seed	Juniper-berry oil
Cinchona (auction)	Cloves	Salicylic acid (spot)	Pepper
Clove oil	Cocaine	Shellac	Salol
Copper sulphate	Cottonseed oil		
Lemon oil	Geranium oil		
Linseed oil	Hydroquinone		
Orange oil (Sic.)	Mint oil (Jap. dementh.) (c.i.f.)		
Pyramidon	Phenacetin		
Rhubarb (H.D.)	Phenazone		
Senega	Rape oil		
	Soy		
	Soya oil		

Cablegram.

New York, April 18.—Business is quiet. Menthol is 5c. lower at $3.15 per lb. Oregon balsam of fir has been advanced to $1.10. Mexican sarsaparilla is steady at 18c. Epsom salt is dearer at 4½c. per lb., and cascara sagrada is steady at 11c.

Acetanilide.—As anticipated, the position has improved and the price has risen to 3*s*. 3*d*. to 3*s*. 6*d*. per lb.; parcels afloat are offered at 3*s*. Acetanilide is still cheap in view of the rise in aniline oil and acetic acid.

Acetyl-salicylic Acid.—For genuine B.P. quality prices are from 14*s*. 6*d*. to 15*s*. per lb., and slightly less for quantity. Buyers need to exercise discrimination between the various makes as some of the cheaper offers are not B.P.

Agar-agar is slow of sale, importers offering at 2*s*. per lb. c.i.f. terms.

Anisaldehyde is offered at 30*s*. per lb. net for parcels afloat.

Anise Oil (Star) is very quiet but steady, with "Red Ship" offering at 3*s*. 5*d*. on the spot and at 3*s*. 2½*d*. c.i.f.

Antimony.—Rather wild price movements have been recorded in Chinese crude within the last few weeks, not only on account of the fitful character of the home demand, but chiefly owing to the oscillating attitude of shippers and the abnormal state of shipping. This market frequently fluctuates independently of refined antimony. There is apparently a fair amount of crude wanted for certain purposes chiefly connected with war munitions, and also in other directions. Some time ago China shippers practically withdrew, which was attributed to small stocks in speculators' hands, and with a temporary keen spell of inquiries here prices spurted quickly up to about 50*l*. for spot parcels in warehouse here, but it is possible that lots might now be picked up round about 40*l*. Forward shipment came down with a run with business reported at 30*l*. to 32*l*. c.i.f. U.K., although the market is now a little steadier. Japanese refined is also considerably cheaper at the moment round about 64*l*. for near shipment c.i.f., but spot metal remains at a fair premium. The fact, however, deserves attention that English refined is considerably dearer at the fixed price to the home trade of 85*l*., a figure which has ruled for a long time past. Reverting to Chinese crude it is believed that the market has been affected by the severance of diplomatic relations between China and Germany, incidental of which German interests locally cleared their commitments. English refiners are covering their needs chiefly by purchases of Bolivian ores, the market for which is closely under Government control.

Balsam Peru is quiet at 15*s*. per lb. net on spot; 20 cases have arrived.

Barbitone can be had in limited quantities on the spot at 115*s*. per lb. net.

Bergamot Oil is rather dearer at 19*s*. per lb. c.i.f. for 38-per-cent. esters, spot value also being about 19*s*. The advance is due to the lowering of the Italian rate of exchange.

Bromides.—In the absence of arrivals of any consequence, spot parcels of the bromide salts are still comparatively scarce, but values are unchanged, potash being still obtainable at 6*s*. per lb. net in limited quantity, sodium to come forward at 2*s*. 6*d*., and ammonium at 4*s*. 3*d*.

Bromstyrol of 100-per-cent. quality is offered at 40*s*. per lb. net for a parcel afloat.

Calcium Lactate is offered at the easier rate of 11*s*. per lb. net.

Cascara Sagrada is offering at from 102*s*. 6*d*. to 105*s*. per cwt. on the spot, as to holder.

Cassia Oil.—Sales of 80 to 85 per cent. c.a. for May-June shipment have been made at 4*s*. c.i.f.; spot price is 4*s*. 4*d*.

Castor Oil remains firm, with dealers quoting English medicinal at 82*s*. and firsts at 74*s*. Hull make is now 76*s*. for firsts f.o.b., spot or forward. Good seconds Calcutta is 7¾*d*. per lb. in Liverpool.

Chloral Hydrate is rather firmer for spot supplies at from 9*s*. to 9*s*. 6*d*. per lb. net, duty paid.

Cinchona.—At the London auction on Tuesday 853 packages offered, and the bulk sold, mostly druggists' qualities, at higher prices; of East Indian 193 packages offered, and 138 sold, including Succirubra stem chips and shavings at 9¾*d*. to 10⅜*d*., stem and branch 7*d*., and root 11¾*d*.; of Calisaya 625 bales offered, and 559 sold, including fair quill at 1*s*. 8*d*. and broken quill and chips at 1*s*. 6*d*. At auction at Amsterdam on Thursday, May 3, 1,616 packages Java pharmaceutical bark, weighing about 94,405 kilos., will be offered.

Clove Oil is 2*d*. per lb. dearer, English distillers asking from 6*s*. to 6*s*. 2*d*. per lb. as to quantity.

Cloves are ½*d*. per lb. dearer on spot, with buyers of fair Zanzibar at 9⅛*d*.; to arrive 8⅝*d*. c.i.f. d.w. has been paid for stuff afloat.

Coca-leaves.—At auction at Amsterdam on May 3 360 packages Java, weighing 20,625 kilos., will be offered. The total alkaloidal content is 313 kilos., and the average percentage is 1.52.

Cocaine is rather dearer at 27*s*. 6*d*. per oz. net for limited lots of hydrochloride on the spot.

Copper Sulphate is nominally dearer at from 62*l*. 10*s*. to 63*l*. per ton f.o.b. Liverpool, but export licences are difficult to obtain. Home agricultural price is 50*l*.

Coriander-seed.—Spot is slightly easier at from 75*s.* to 77*s.* 6*d.* per cwt. for Morocco; 910 bags have arrived to London.

Ergot.—Quiet, with Russian offering at from 1*s.* 9*d.* to 1*s.* 10*d.* per lb. on spot for common to good, and new Spanish at 2*s.* 2*d.*

Eucalyptus Oil is in fair demand, 75 per cent. cineol offering at 2*s.* 4½*d.* and globulus at 2*s.* 6*d.*; stocks are fair on spot.

Formaldehyde.—Supplies are getting scarce in the United States, this being probably due to appropriation for war purposes; spot is 110*s.* to 112*s.* 6*d.* per cwt.

Geranium Oil.—Owing to the difficulty of securing fresh supplies from primary sources, prices for all descriptions are firmer, Bourbon of good brands offering at from 13*s.* 6*d.* to 14*s.* 6*d.* per lb. and African at 15*s.* on the spot.

Glucose is very difficult to obtain, and probably for best corn syrup 60*s.* would have to be paid. Best American maize *starch powder* can be had at 48*s.*

Guaiacol Carb. can be had at 130*s.* net on spot, but is unlikely to be cheaper until fresh supplies are available from Switzerland.

Homatropine.—Hydrobromide is selling at 275*s.* per oz.

Honey is firm, with pale set Jamaica offering at 90*s.*, fair set at 85*s.*, and ordinary at 79*s.* on the spot.

Hydroquinone is much firmer at the moment, but a fair quantity has been bought from the United States lately, and when available prices should be easier; meanwhile spot supplies readily command 12*s.* net.

Lemon Oil.—The sharp decline in Sicilian prices noted last week was of short duration, as almost immediately at the close of our report a sudden advance of about 5*d.* per lb. took place, due principally to the lowering of the rate of exchange, and at the end of the week shippers were quoting 4*s.* to 4*s.* 1*d.* per lb. c.i.f. London for finest genuine. At the moment there is very little demand on the spot, the values being from 3*s.* 6*d.* to 4*s.*

Liquorice-juice.—Sales have been made for forward delivery on the basis of 200*s.* per cwt. for sticks.

Lycopodium is offered at from 4*s.* 9*d.* to 4*s.* 10*d.* per lb. net on spot.

Menthol remains flat, with spot offering at 12*s.* 3*d.* per lb. for Kobayashi-Suzuki. The exports from Japan during January of the past three years were as follows:

	1915	1916	1917
Kin	27,650	42,597	16,415
Yen	145,229	265,791	113,817

The destinations were as follows:

	1915 Kin	1916 Kin	1917 Kin
British India	2,616	2,325	657
Great Britain	6,313	24,637	13,088
France	8,339	7,232	—
United States	9,766	7,797	2,489
Other countries ...	616	606	181
	27,650	42,597	16,415

Mint Oil.—A good arrival business has again been done in Japanese dementholised oil, several hundred cases having been sold, including Suzuki for April-May shipment at 3*s.* c.i.f., and Kobayashi at 3*s.* 1½*d.* c.i.f. for May-June shipment; spot value is 3*s.* 2*d.* The exports from Japan during January 1917 amounted to 8,511 kin, valued at 19,263 yen, against 37,807 kin and 39,985 kin in 1916 and 1915 respectively.

Oils (Fixed).—*Linseed* has been active and dearer, closing at 54*s.* 9*d.* per cwt. in pipes landed and 55*s.* 9*d.* in barrels on spot. *Cottonseed* is 1*s.* higher at 55*s.* for crude in pipes, and pale refined in pipes on spot is 59*s.*; for sweet refined in barrels from 64*s.* to 66*s.* is quoted. *Rape* is firmer, with ordinary brown naked on spot offering at 65*s.* British refined in barrels is 69*s.* to 70*s.*, and Japanese in cases 61*s.* 6*d.* c.i.f. for May-June shipment. *Coconut* is quiet at 72*s.* for Ceylon in hogsheads on spot and 68*s.* in pipes. Cochin on spot is 72*s.* to 76*s.*, and shipment 67*s.* per cwt. c.i.f. London pressed is 52*s.* 6*d.* Hankow *Wood* oil is unchanged at 86*s.* spot, and to arrive 84*s.* c.i.f. is quoted. *Soya* is firmer in London, with 53*s.* to 53*s.* 6*d.* c.i.f. quoted on passage. Lagos *Palm* is firm at 49*s.* on spot and 47*s.* 6*d.* ex quay Liverpool. Japanese *Fish* is firm at 39*s.* 6*d.* c.i.f. for March-May shipment. *Seal* is 50*l.* to 66*l.* per tun; *whale*, 40*l.* to 45*l.*; bright *Sperm*, 55*l.*; cod, 45*l.* to 47*l.* per tun nominal. *Neats' foot*, 7*s.* 6*d.* to 9*s.* 6*d.* per gal. *Ground nut* very scarce and almost unobtainable.

Olive Oil.—Market is very bare of practically all qualities.

Orange Oil is dearer at 10*s.* per lb. c.i.f. for Sicilian sweet, spot holders asking 10*s.* to 10*s.* 3*d.*

Orris is steady, with best white Florentine offering at 78*s.* 6*d.*, and small white pieces 76*s.* on the spot.

Paraffin (Liquid) of B.P. quality is selling at from 14*s.* to 15*s.* per gal.

Paraformaldehyde is offering at 3*s.* 9*d.* per lb. net.

Peppermint Oil.—Finest English from distillers appears to be almost unobtainable, with second-hands offering a limited quantity at 55*s.* per lb. net. American is still 11*s.* to 11*s.* 3*d.*, and H.G.H. 15*s.*, London terms.

Peppers are cheaper, with sellers of fair black Singapore at 10½*d.*, Alleppy and Tellicherry at 11*d.* Singapore *white* has sellers on spot at 1*s.* 0½*d.* for fair, and Muntok at 1*s.* 1*d.*

Petroleum Jelly of good pale B.P. quality in barrels can be had at 36*s.* 3*d.* per cwt. on the spot.

Phenacetin is by no means plentiful, and 80*s.* per lb. is easily obtainable; small consignments are coming forward from Switzerland.

Phenazone.—Owing to scarcity, very limited supplies are available at from 55*s.* to 56*s.* per lb.

Potash Carbonate.—Russian remains unchanged. No new shipments appear to be in sight, and there are no indications as to when they can be shipped owing to the congestion at export points. Stocks are gradually being reduced in this country, and it appears advisable to cover requirements while such are available; 85 to 90 per cent. is worth 100*l.* per ton ex wharf, which is considered a moderate price.

Potash Iodide of Japanese make is offered at 11*s.* net for parcels afloat and at 11*s.* 4*d.* net on the spot.

Potash Sulphoguaiacolate.—Sales have been made at 97*s.* 6*d.* per lb. net on spot.

Potashes.—Very quiet, with first Montreal on spot offering at 175*s.* per cwt.

Quinine.—The speculative market remains quiet, but the consumptive demand is well maintained, and buyers are fairly well supplied, so that no change is expected in the situation either way for some time; 2*s.* 8*d.* per oz. is quoted for Dutch makes from dealers' hands.

Resorcin of American make on the way is offered at from 90*s.* to 100*s.* per lb. net as to seller.

Rhubarb.—With practically no arrivals, and a fair demand since the auction (principally for High-dried), prices for this description are about 2*d.* per lb. dearer at 1*s.* 8*d.* for good three-quarters pinky. For rough round 11*d.* is asked.

Saccharin of 550 strength can be had at 250*s.* per lb. net, duty paid, from dealers.

Safrol is offered at 2*s.* 3*d.* to 2*s.* 6*d.* per lb. net on spot, being rather easier.

Salicylates.—The American position has improved considerably, partly owing to the increased demand on that side and the cost of production being higher. Present price prevents importers from selling salicylic acid below 4*s.*, and soda salicylate below 5*s.* There has been a good business in the soda to arrive at this figure, but actual spot supplies are worth 5*s.* 6*d.*

Salol is offered at the lower rate of 8*s.* 6*d.* per lb. in kegs.

Sarsaparilla.—There are several inquiries for grey Jamaica and Lima, but nothing available until the next auction, when at least 25 bales Lima will be offered.

Senega.—Sales have been made at 3*s.* 3*d.* per lb. net on spot, but since prices have advanced 3*d.*, to 3*s.* 6*d.* net.

Shellac has been quiet, and spot prices have eased somewhat in the absence of demand, usual standard quality TN Orange closing at 215*s.*, and fine Orange at 290*s.* AC Garnet is 220*s.* to 225*s.*

Soda Crystals are very scarce, and values are nominal.

Soda Hyposulphite can be had at from 19*l.* 10*s.* to 20*l.* per ton ex London station for ordinary crystals; pea size continue very scarce.

Soy is 1*d.* per gal. dearer, holders asking 3*s.* 9*d.*, duty paid, for the usual brand.

Spermaceti.—American refined is offered at 9*d.* per lb. net on spot.

Thymol.—The price in U.S. has advanced $2 per lb. from $16.00 to $18.00 per lb., and thymol iodide from $15.00 to $18.50. The price of thymol is now so high that shipments to this side cannot be made, and the bulk of the business falls to English makers, who quote 37*s.* 6*d.* per lb. for ex ajowan-seed.

Turpentine has been steady almost throughout, American closing at 53*s.* 6*d.* for American on spot, and forward is 55*s.* to 56*s.* 3*d.* Spanish is 53*s.* per cwt., and Russian nominal.

Vanillin.—The cost of production compels makers to ask from 27*s.* to 27*s.* 6*d.* per lb., as to quantity.

Witch-hazel Ext. is offered at 9*s.* 9*d.* per gal. net in casks on spot.

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German Drug-markets.

The following report relates to the Hamburg and Berlin markets under date of March 12:

Iodine.—On February 26 the Convention advanced prices by from m.2.50 to m.6 per kilo. for the various iodine preparations. The following are the actual prices: Resublimed iodine from m.40 to m.40.50 per kilo., according to quantity; potassium iodide from m.33 to m.33.50 per kilo.; sodium iodide from m.36.25 to m.37 per kilo.; iodoform from m.46.75 to m.47.50 per kilo.

Magnes. Carb.—In consequence of the greatly advanced rates paid for the raw material makers have been obliged to advance prices. Stocks are only very small, so that the article cannot be delivered promptly. First white blocks are m.80 per 100 kilos. and powder m.78.

Oils (Essential).—Prices per kilo.: *Star-anise* is still available at m.20. *Cajuput* is in active demand. For *Caraway* m.40 must be paid. *Cassia* is still to be had at m.26. *Clove* is obtainable at m.42. *Lavender* is not obtainable under m.50. *Lemongrass*, Ceylon, is only to be had in very small quantities. *Bergamot* is m.85, *Lime* m.21 to m.22, and *Pomeranian* at m.40. *Palmarosa* is m.52; *Patchouli*, m.170; *Pine-needle*, Siberian, m.11; *Sandalwood*, m.72.

Soda Bicarbonate.—The German "Verkaufssyndikat" has declared itself willing to enter upon contracts for the second quarter of 1917 upon the same conditions as for the first three months. The quantities offered are only very limited, and only regular customers can be supplied.

Arrivals of Chemicals, Drugs, etc.

The Board of Customs and Excise have ordered that, until further notice, the names of the ports or countries whence imports are shipped or consigned shall not be published. The following are among the arrivals in the Port of London during the period April 10 to 16 inclusive:

Acetanilide, 5 brls.
Acetic acid, 102 brls. 70 cks.
Alcohol, wood, 3,600 gals.
Annatto-seed, 50 bgs.
Antim. ore, 150 tons
Argol, 125 cks. 317 bgs.
Arsenic, 408 cwt.
Baking-powder, 700 pkgs.
Bals. peru, 14 cs.
Bals. tolu, 1 cs.
Barbitone, 4 cs.
Basil-leaves, 5 bls.
Belladonna ext., 2 cs.
Belladonna-root, 2 bls.
Benzaldehyde, 2 jars
Benzoic acid, 3 cs.
Bromovalerianate, 2 cs.
Calc. carbide, 3,540 cwt.
Calc. citrate, 27 pkgs.
Calc. cyanamide, 354 tons.
Calumba, 58 bgs.
Camphor, 235 cs.
Carbon, black, 120 cs.
Casein, 3,677*l.*
Cashew-nuts, 1,100 cwt.
Celluloid, crude, 2,819*l.*
Chlorophyll, 10 cs.
Chromic acid, 1 cs.
Cinchona, 17*l.*
Cocaine, 2 cs.
Cochineal, 13 bgs.
Copaiba, 12 cs.
Copra, 13,560 cwt.
Cream of tartar, 40 cks.
Cubeb cig., 10 cs.
Cubebs, 71 bgs.
Dental goods, 3,626*l.*
Digitalis-leaves, 7 bls.
Drugs, unrated, 58*l.* 138 bls.
Eucalyptus oil, 90 pkgs.
Fusel oil, 1,045*l.*
Galls, 1,960*l.*
Gamboge, 10 cs.
Gelatin, 2,846*l.*
Gentian, 20 bls.
Ground-nuts, 16,623 cwt.
Gums: acacia, 262 cwt.; chicle, 4 cwt.; copal, 2,454 cwt.; damar, 2,402 cwt.; kauri, 100 cwt.; olibanum, 317 cwt.; tragacanth, 141 cwt.
Hair-dyes, 38*l.*
Herbs, dried, 253 bls.
Hydroquinone, 8 kgs. 2 cs.
Holadin caps., 1 cs.
Indigo, 22 serons 117 chts. 20 cs.
Insect-flow., 10 bls.
Iodine, 482 pkgs.
Ipecacuanha, 2 bgs.
Kava-kava, 33 bgs.
Kola, 178 bgs.
Lactopeptin, 1 cs.
Limestone phosphate, 133 cs.
Linalyl acetate, 1 cs.
Logwood, 10 tons
Logwood ext., 500 cs.
Medicines, 25*l.*
Menthol, 10 cs.
Methol, 1 cs.
Milk sugar, 100 cs.
Musk ambrette, 1,008*l.*
Oils, essential, 2 pots 274 cs. 1 box 20 cks. 1 bkt. 31 drms. 13 pkgs.; artificial, 42 cs. 24 drms.
Oils, fixed: arachis, 10 pps.; wood, 3,179*l.*
Ointment, 1,116*l.*
Opium, 175 cs.
Orris, 26 bgs.
Paraformaldehyde, 40 cs.
Paraphenylene diamine, 2 drms.
Pepsin, 1 cs.
Perfumery, unrated, 1,579*l.*; water, 32*l.*; toilet-powder, 383*l.*
Phenacetin, 8 cs.
Phenazone powder, 4 cs.
Pot. bromide, 100 cs.
Pot. chloride, 8 tons
Pot. iodide, 10 cs.
Pot. persulphate, 11 cks.
Pot. sulphate, 4 tons
Pyramidon, 3 cs.
Quinine, 153,000 oz.
Rennet, 275*l.*
Rosin, 646 cks.
Salol, 29 kgs.
Saltpetre, 8,380 cwt.
Sarsaparilla, 52 bls.
Savory-leaves, 9 bls.
Scopolia-root, 78 bgs.
Seeds: apricot, 66 bgs.; cotton, 800 tons; linseed, 1,200 bgs.; rape, 43,906 bgs.; sesame, 80 bgs.
Soap, toilet, 750*l.*; powder, 17*l.*
Soda benzoate, 5 brls.
Soda butyrate, 3 cwt.
Soda-hypo., 3 tons
Soda salicylate, 29 cwt.
Soda valerian., 1 jar
Sponge, 206 bls.
Starches: dextrin, 500 cwt.; farina, 1,000 cwt.; maize, 1,100 cwt.
Surg. plasters and dressings, 15 cs.
Talc, 400*l.*
Tar capsules, 3 cs.
Tartaric acid, 20 cks.
Theobromine, 2 cs.; pure alkaloid, 2 cs.
Thorium and cerium nit., 860*l.*
Tonka beans, 6 cs.
Turmeric, 200 bgs.
Vacuum flasks, 100*l.*
Vanilla, 4 cs.
Vaseline, 482 cs.
Wax (mostly bees'), 103 pkgs. 1 cs. 1 brl. 140 bgs. 52 bls.
Wax, paraffin, 4,232 cwt.
Witch-hazel leaves, 11 bls.
Zymine pept. tubes, 7 cs.

Cancelled entries.—Feb. 12, casein, 1,075*l.*; Mar. 1, maize starch, 580 cwt. *Amendment.*—April 4, 11 cs. peach-kernel oil should read 11 cs. natural essential.

To Liverpool (April 16).
Calc. citrate, 84 cks.
Castor oil, 169 cs., 188 dms.
Dental goods, 420*l.*
Drugs, 100 sks., 3 pkgs.
Liquorice-juice, 20 cs.
Logwood ext. 712 cks.; tanning-ext., 555 cks.
Nuts and kernels: copra, 732 bgs.; ground nuts, 17,797 bgs. 1,110 tons; palm kernels, 11,726 bgs.; babassu kern., 100 bgs.
Oils, fixed: coconut, 593 dms.; palm, 329 cks.; kapok, 229 dms.
Rosin, 1,100 brls.
Seeds: castor, 50 bgs.
Thorium and cerium nit., 8 cs.
Wax, bees', 80 bgs.; carnauba, 675 bgs.

Ceylon Cardamoms.

In the course of the annual report of the Matale Planters' Association of Ceylon for 1916, it is stated that the weather has not been favourable for cardamom crop development, there having been a notable want of the damp misty weather requisite for that product. The crop on the whole is likely to be slightly below that of 1915, as very little planting or new planting has been done, whilst many old fields are feeling the effects of age. As regards prices, the demand in Colombo practically ceased for some time, but recovered slightly towards the end of the year, though at no time remunerative. In London also great difficulty was experienced in disposing of any but small lots, though prices during the first half of the year were fairly satisfactory. Demand, particularly for America, increased slightly after the half-year, but prices dropped somewhat. The area in cultivation is 1,644 acres, the area in bearing is 1,440 acres, and the estimated crop for 1917 is 680,000 lb. In the course of the annual report of the Ceylon Planters' Association, it is stated that the exports for 1916 only reached 427,843 lb., against 519,039 lb. in 1915, but owing to the low prices ruling there is no doubt that a large quantity is being held up in the island in expectation of better prices later on. The prices for green-dried as well as fully cured cardamoms are such that it hardly pays to cultivate them. The shipments for 1917 will not exceed 500,000 lb.

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration, see "The Chemist and Druggist Diary," 1917, p. 220.

(From "The Trade-marks Journal," April 11, 1917.)

"Pyramin Brand Liquor," with device of pyramid; for sulphuric acid from by-products (1). By J. Nicholson & Sons, Ltd., Heaton Junction, Newcastle-upon-Tyne, East. 375,000. (Associated.)

"Ixol"; for goods (2, 3, 42, and 48). By Ridley & Dixon's, Ltd., Packhorse Lane, Carlisle. 376,489/90/91/92.

Device of five-headed dragon round scroll; for chemicals (2 and 3) and goods (4 and 47). By J. Brown, 10 Dolefield, Bridge Street, Manchester. 376,783/4/5/6.

"Franoline"; for medicinal chemicals (3) and for perfumery, etc. (48). By John Bell, Hills & Lucas, Ltd., Tower Bridge Road, S.E. 1. 376,042/3. (Associated.)

"Beromol"; for an ointment and soap (3). By Agnes Burton, 185 Trafalgar Road, East Greenwich, S.E. 10. 376,635.

"Marcura"; for soap (3). By J. Margerison & Co., Leighton Street, Preston. 376,680. (Associated.)

"Chilp. X"; for medicinal chemicals (3). By Hirst, Brooke & Hirst, Ltd., Dyer Street, Leeds. 376,711.

"Irosil"; for all goods (5). By S. Dreyfus, Thornecliffe Villa, Windmill Lane, Denton, near Manchester. 377,045.

"Penico"; for medicated foot-soaps (3). By Scholl Manufacturing Co., Inc., 211-213 West Schiller Street, Chicago, U.S.A. 377,097.

"Sypgar"; for food-substances (42). By The Manbré Saccharine Co., Ltd., Brandenburgh Road, Hammersmith, W. 6. 376,597.

"Dokal"; for toilet-preparations (48). By Clay, Dod & Co., 52 St. Anne Street, Liverpool. 376,642.

"Sanflori" on shell; for toilet-preparations (48). By The Super-Toilex Co., 8 Laurence Pountney Hill, E.C. 4. 376,765.

"Labloss"; for a toilet-preparation (48). By R. S. Angus, 24 St. Nicholas Street, Lancaster. 377,183.

(From "The Trade-marks Journal," April 18, 1917.)

"Seashell"; for disinfectants, etc. (2), and for goods (47). By F. Stancourt, 24 Walbrook, E.C. 4. 376,194/5.

"Gasonite"; for an insecticide (2). By Osmond & Son, Ltd., Grimsby. 376,779.

Oval medallion over facsimile signature; for laxative tablets (3). By Fellows Medical Manufacturing Co., Inc., 26 Christopher Street, New York. 372,717. (Associated.)

Picture of lady with long hair holding bottle; for all goods (3). By F. S. Cleaver & Sons, Ltd., Twickenham. 376,421.

"Oxynette"; for medicinal chemicals (3). By New Oxydol Products, Ltd., 23 Fitzroy Square, W. 1. 377,061. (Associated.)

"Soluma"; for medicinal chemicals (3). By W. H. Woodward, 81 Fortess Road, N.W. 5. 377,195.

"Acme," "Diana," "Entente," "Iris," "Simplic," "Spartan," "Unic," and "Wizard"; for goods (11); "Express"; for indiarubber teats (11.) By J. G. Franklin & Sons, Ltd. 17 Colvestone Crescent, Dalston, E. 8. 376,748/49/50/52/53/54/55/56, 376,751.

"Ambron"; for curative belts, etc. (11). By A. Wilson, Ltd., 70 Vauxhall Bridge Road, S.W. 376,989. (Associated.)

"Bessina"; for perfumery, etc. (48). By Elizabeth Thake, 93 Earl's Court Road, W. 376,795.

Oval floral label device, with word "Gosnell's"; for perfumery etc. (48). By J. Gosnell & Co., Ltd., 211-215 Blackfriars Road, S.E. 1. 376,350. (Associated.)

"Odosan"; for perfumery, etc. (48). By Allen & Hanburys, Ltd., 37 Lombard Street, E.C. 3. 377,225.

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Correspondence

Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

Medicinal Herbs.

Sir,—It would appear from the observations you have recently published that we have not progressed very far towards the solution of the problem of supplying the country's needs in the way of medicinal herbs. Surely by this time there should be one authority on the matter, and one only, and that should be the National Herb Federation. The Board of Agriculture takes the National Health Insurance Committee for its guide, and what can that body know of the question as a whole? What is that question? Surely it is this: Can the medicinal and other herbs imported from Germany and Austria in the past be profitably produced in this country? It matters not whether these are B.P. drugs, or, as Mr. Guyer calls them, "doubtful drugs," whether they are medicinal, culinary, or for use in perfumery. The problem is, "Can we produce them?" The reason for so doing is to promote the interests of our own country in peace-time as well as in war-time. The prices which are obtained to-day will not be forthcoming in a few years; nevertheless, there is ample justification for saying that a very large proportion of imported herbs, roots, etc., can, by co-operative and systematic effort, be produced in England at prices which shall yield profits to the grower and collector quite equal to what is obtained from ordinary agricultural enterprise. A statement of the articles which would find a market in this country, and which could be probable profit-bearing herbs to cultivate, is beyond the scope of a letter such as this. Perhaps the National Federation, after consultation with some of the men who are actually in business in drugs, and may be termed "practical," could issue a full statement for the benefit of agriculturists and herb associations in various parts of the country.

Yours truly,
Richard C. Wren, F.L.S.

Artillery Lane, London, E.

The Pharmaceutical Society's Drop.

Sir,—I am glad you very properly call attention to the latest financial statement of the Pharmaceutical Society. It is doubtless quite in accordance with the historic traditions of the Society that we should be served up with the old chestnut. Who can wonder that we so frequently say hard things about the Society? A financial statement! What description could one reasonably apply? I would give it a better one if the white souls at the "Square" were not getting so sensitive about "cruel attacks."

Yours faithfully,
Frank G. Hines.

Fulford, York.

Sir,—The financial statements of the Pharmaceutical Society are this year of more than ordinary interest. You say in your summary that the Society dropped 1,507*l.* last year, but my reading of the figures shows a much more serious position. The income in 1915 was 19,463*l.*, and in 1916 15,536*l.*, representing a falling-off of no less than 3,927*l.* There was a saving in expenditure in 1916 as compared with 1915 of 707*l.*, which shows a net loss in 1916, as compared with the previous year, of 3,220*l.* I observe that no law costs appeared for 1915, and 428*l.* in 1916, so that it is probable that half of this item belonged to the former year. In any event, it is clear that, as compared with 1915, the Pharmaceutical Society was, in 1916, at least 3,000*l.* worse off than it was the previous year. This is a very serious matter, for in view of the situation created by the war, the falling-off of new-comers into the business, and the probability that many of the best of those who do come in will decide for medicine in preference to pharmacy, there is little prospect of much improvement being effected during the next few years. It is not an easy matter to adopt heroic measures for the reduction of expenditure in a going concern like the Pharmaceutical Society, but something drastic needs to be done to stop the leaks before the ship once more goes "on the rocks."

Yours faithfully,
Financial Chemist. (6/66.)

Pharmaceutical Council Election.

Sir,—The election is close upon us, and we should see to it that our serried ranks close up as far as possible. There should be a good fight and a clean one, with "May the best men win" as the motto. What is all this we hear about the bright but "naughty" little journal "The Script," and the wickedness of that "arch fiend" Mr. Hines, of York? Is it one of those subtleties that so often synchronise with an election and emanate from "party"? Without a doubt now is the time to get three live coals on the Council, a leavening that must in a short time yield benefit to the just cause of pharmacy. Of course, I refer to Messrs. Jenkin, Kirkpatrick, and Hines, the first two of whom are without a blot on the escutcheon. As to Mr. Hines, he is outspoken—so were Cobbett, Bright, and Gladstone. All reformers must not only have strong convictions but the courage to voice them. The loss of Mr. Hines will be a veritable loss to pharmacy, and as to his being a wee bit too trenchant it may safely be left to close contact with Council methods to mollify such acerbities. Let us one and all who speak for progress do our utmost to get him returned.

C. Breese.

Streatham, S.W.

One Man, One Pharmacy.

Sir,—The prices of drugs have advanced by leaps and bounds, but the conditions of the managers in charge of pharmacies still remain very much the same as they were. The Liberals have advocated "one man, one vote," and I believe that the time is now arrived when pharmacists should advocate the principle of "one man, one pharmacy." Why should a limited company be allowed to have as many as 600 branch shops covered by as many medical men and pharmacists, when another qualified pharmacist owing to their presence cannot find a suitable position to start his own legitimate business as a pharmacist? The certificates of these qualified managers, if they be worth 5*l.* per week to a limited company, should be worth that amount per week as salary to themselves. Why, then, should a pharmacist humble his position and rob himself by accepting less? With the large increase in the employment of women at a lower salary, what now remains to be done on behalf of suffering humanity we find must be done by us as qualified men and women alone. Let us, then, be better combined among ourselves for that grand and noble purpose.

John Williams, M.P.S.

Manchester.

Legal Queries.

Most difficulties in trade law are explained in the legal section of "The Chemist and Druggist Diary," 1917, beginning on page 353.

H. A. (7/42).—If the agreement with the employer does not prevent it, you are entitled under the Pharmacy Acts to continue trading; but as the name under which you trade differs from your own, you must register under the Registration of Business Names Act.

P. T. O. (6/60) has been exempted from military service until June 1, and he wants to know if he may appeal again on other grounds when he receives the call. [He cannot appeal after he has been called up. His best course is to apply before then for permission to appeal on the new grounds.]

C. B. (1/65).—As freckles are not a human ailment, "Freckle-lotion" does not require to be stamped unless the labels, handbills, or other public notices regarding it contain something of a dutiable nature. If the freckle-lotion is not made dutiable a medicine-licence is not necessary for its sale.

F. E. B. (7/65).—If oil of stavesacre can be proved to contain poisonous vegetable alkaloids it may technically be considered to come under Part I. entry in the Schedule of Poisons respecting poisonous vegetable alkaloids, and trench ointment containing 10 per cent. of the oil would accordingly be a Part II. poison, but there is no authority other than a Court of Justice to decide whether or not the oil and the preparation of it are poisonous, and it is not the practice to treat preparations of stavesacre as poisons. As a rule it is desirable, when doubts arise regarding articles which in practice have not been treated as poisons, to continue existing conditions until one of the legal authorities indicates a change.

Wine (3/4) refers to the sale on credit of so-called medicated wines (not containing the necessary quantity of quinine) to retailers not holding a wine-licence. He says that the view is generally held that such sales are legal, provided there is in the wholesaler's circular or price-list a statement to the effect that a licence is required for the retail sale. He disagrees with this view himself, but,

considering the question to be of importance to the wholesale trade, asks our opinion. [We agree with him. Such wine has to be regarded as intoxicating liquor, and the sale or distribution of such liquor on credit within the area where our correspondent lives is at present governed by an order of the Central Control Board (Liquor Traffic), a breach of which renders one liable to a penalty of six months' imprisonment and a fine of 100*l.*, whereby any person who, either by himself or by any servant or agent, sells or supplies in any licensed premises, or despatches therefrom any intoxicating liquor to be consumed either on or off the premises, unless it is paid for before or at the time when it is supplied or despatched or taken away, commits an offence. "Licensed premises" in the order includes any premises or place where the sale of intoxicating liquor is carried on under a licence. The order does not affect the sale or despatch of intoxicating liquor to a trader *for the purposes of his trade*; this is not defined, but we consider that a wholesaler may supply on credit to a retailer sherry for the purposes of making ipecacuanha-wine. In the case of bottled wines ready for retailing, it is to be assumed that a purchaser by wholesale who is not a licensed retailer of the wines is a consumer, so that the order, subject to the exception noted, means that every sale of non-medicated wine on credit otherwise than to a licensed trader for the purposes of his trade is illegal.]

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

Hypoderma (1/38), writing from Ireland, says a trouble is very prevalent there at present which the country people describe as cud in the stomach in calves. It is always accompanied by scour, and usually proves fatal. It is found in the stomach in the shape of a ball after death. Can we suggest any remedy for same? [This disease is due to super-acidity of the stomach, caused by over-secretion of acids, thus causing coagulation of the milk. Give—

Aq. calcis, ol. lini, et ol. olivæ aa. q.s.

according to the size of the calf. Follow this with—

Sodii bicarb.,
Bismuth. subnit. ... ... aa. ʒj.
Aq. calcis ... ... ℥iij.—M.

ʒj. to be given twice daily.]

J. T. D. (1/66) and *Seaweed* (252/74).—Hair-fixing Cream. See *C. & D.*, February 12, 1916, p. 60.

Japy (254/6).—(1) Paracelsus Plaster.—The formula for this is—

Lead plaster		36 oz.
Galbanum plaster		2 oz.
Powdered canella-bark, Frankincense	of each	1½ oz.

Melt and mix together.

(2) Oxycroceum Plaster.—This was last official in the Edinburgh Pharmacopœia 1744, when the following was given as the formula:

Yellow wax		1 lb.
Black pitch, Galbanum	of each	½ lb.
Venice turpentine, Myrrh, Olibanum	of each	3 oz.
Saffron		2 oz.

Melt and mix together.

Aspirin (251/68).—The book you are referring to is, we believe, Schneider's "Bacteriological Methods in Food and Drugs Laboratories, with an Introduction to Micro-analytical Methods." It is an American book, published by P. Blackiston's Son & Co.

A. B. (257/11).—Books on Bacteriology.—Pearmain and Moor's "Aids to Bacteriology" (Baillière, Tindall & Cox, 3*s.*); Hewlett's "Manual of Bacteriology" (Churchill, 12*s.*).

A. M. (5/13).—Basset's Oxyquinothein has been analysed by two Germans, who found each capsule to contain phenacetin 0.1, caffeine 0.15, pyramidon 0.135, quinine sulphate 0.04, magnesia to make 0.3. These German analyses should not be taken too seriously, as there was probably an ulterior motive in examining a French pharmaceutical product.

Central (257/17).—Unguentum Populeum is a well-known Continental ointment. The formula of the Belgian Pharmacopœia is as follows:

Dried poplar-buds		200 parts
Dried henbane-leaves, Dried belladonna-leaves	of each	125 parts
Spirit (92°)		150 parts
Lard		1,000 parts

The dried bruised drugs are macerated for two hours in the spirit, and then transferred to a water-bath with the lard, heating for three hours, with constant stirring, until the spirit has evaporated. Then strain and press, stirring until the ointment sets.

Muri (259/2).—We are not clear as to what you mean by "mirrorising" wood.

A. V. T. (Amsterdam) (2/51).—Labelling Tins.—The difficulties met with in causing labels to adhere to tin surfaces have been overcome by several methods. (1) *Preparing the Surface of the Tin*: The suggestions are to roughen the surface with sandpaper, to varnish it first, to clean off grease with alkali or benzine, or use a substratum consisting of gelatin 1 part in acetic acid 4 parts. (2) *Additions to the Label-paste:* When any of the foregoing methods are used ordinary shop-paste may be employed or the gummed label merely moistened with water. To the ordinary paste additions such as butter of antimony and alum are advised, but the objection is that these act on the tin and cause rust, and consequent staining of the labels. (3) *Special Adhesives:* Among these are (*a*) sodium-silicate solution thinned to the consistence of thin syrup; (*b*) solution of resin 2½ oz. in methylated spirit 20 oz.; (*c*) rye-flour paste, which has greater adhesive power than paste made with ordinary flour; (*d*) pastes containing a fair proportion of honey, with or without some balsam of fir or Venice turpentine.

A. T. G. (6/54).—Bath-salts.—The basis used is crystal sodium carbonate, the needle form known as "Crescent" brand being preferred. The perfume consists of essential oils, such as lavender and verbena, or synthetic perfumes, such as ionone, dissolved in spirit, the solution being then sprayed over the sodium carbonate, which is spread out on a sheet of paper. The bath-salt is turned over with a wooden spatula so as to distribute the perfume evenly over the bulk. Some makers prefer to perfume a small proportion of the soda in this way and then to mix this with the bulk.

J. O. E. (257/4).—Blood is dried for use as a manure by placing it in shallow vats, adding salt, iron sulphate, alum, saltpetre, or sulphuric or hydrochloric acid, stirring until the blood is coagulated, and allowing it to evaporate either spontaneously or by exposure to the sun. Special desiccating-chambers are also used, such substances as bone-meal and gypsum being added to assist the drying.

E. A. W. (Chattanooga) (1/34).—Restoring Faded Writing.—The writing is sponged with solution of ammonium sulphide, and when the ink has darkened sufficiently the solution is sponged off with a clean wet sponge. Sometimes a photograph of the faded writing will reveal it sufficiently for deciphering.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," April 15, 1867.

The Pharmacy Bill.

We summarised last week the first ten clauses of the Bill. Clauses 11, 12, 13, and 14 referred to registration matters, and were included in the Act with verbal alterations, but no change in principle. Clause 15 became the penal section of the Act with one important change: "Compounding the prescriptions of duly qualified medical practitioners," was to be reserved to persons registered under the Act, but was struck out. The titles were protected as in the Act, and there was added to the clause the provisions as to poison regulations and compounding B.P. preparations according to its formularies. Clause 16, reserving the rights of certain persons, included *qualified medical practitioners*, members of the Royal College of Veterinary Surgeons, making or dealing in patent medicines, wholesale dealers, and *retailing of poisons for photography*. The italicised provisions were excluded from the section, "legally qualified apothecaries" replacing medical practitioners. The "widows clause" was in the Bill as well as in the Act, but in the Bill the assistant had to be "resident on the premises."

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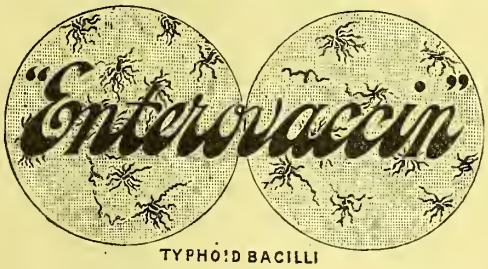

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New Scientific Preparation for Syphilis, Chronic Skin Affections, Psoriasis, Eczema, Acne, etc.

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Antiseptic for local Gynæcological use.
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Remedy for Intestinal Disorders, Dysentery, Diarrhœa, Dyspepsia, Enteritis, Infectious Diseases, Skin Eruptions, etc. etc.
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Specific for the Liver.
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Solid Extracts of KOLA, COCA, CINCHONA, GENTIAN, etc.; all pharmaceutical extracts.

HYDROGEN PEROXIDE, chemically pure.

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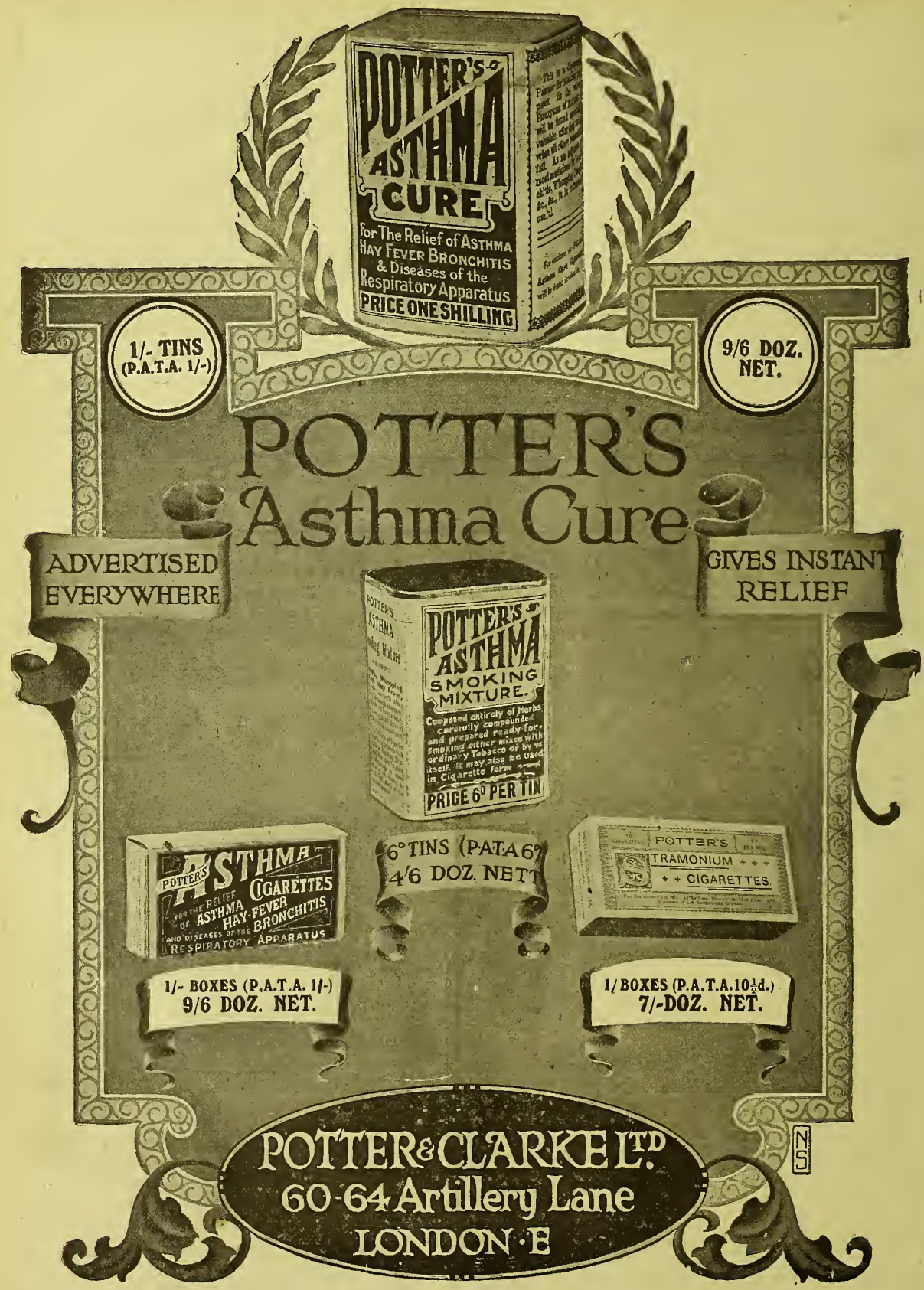
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PRICE ONE SHILLING
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POTTER'S Asthma Cure
ADVERTISED EVERYWHERE
GIVES INSTANT RELIEF
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LONDON·E
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24 LUNA STREET, GREAT ANCOATS, MANCHESTER.

N.B.—Prices quoted herewith are for preparations according to the New Pharmacopœia, 1914.

PRICES ISSUED WEEKLY.

Original Packages can generally be supplied at the Current Prices quoted in the Trade Report of this Paper on Terms as below:

N.B.—We would draw attention to the fact that all prices quoted herein are subject to alteration without notice, and that where stocks are limited preference is always given to our regular customers.

Fol. Sennæ Tinnev., 1 cwt. @ 6d. lb.; 7 lbs. @ 7d. lb.; English Ground, 56 lbs. @ 10d. lb.; 7 lbs. @ 1/-lb.
Formaldehyde, 40%, 4 cwt. barrels @ 11£/- cwt.; 7 lbs. @ 1/3 lb.
Fuller's Earth, fine powder or lump, 5 cwt. @ 8/3 cwt.; 1 cwt. @ 9/6.

Gallæ Cærul. Pulv., 7 lbs. @ 2/- lb.
Gamboge, English Ground, 7 lbs. @ 5/6 lb.; 1 lb. @ lb.
Ginger, English Ground, 1 cwt. @ 75/- cwt.; 7 lbs. @ 9d. lb.
Gingerine, Extra, 5 lbs. @ 13/- lb.; 1 lb. @ 13/6.
Glycerin. Opt. D.D., 1.260 P.B., @ cwt.
*Glycerin. Acid. Boric, P.B., 6 lbs. @ 2/3 lb.
* „ Acid. Carbolic, P.B., 6 lbs. @ 1/10 lb.
* „ Acid. Tannic, P.B., 6 lbs. @ 2/6 lb.
„ Belladon. B.P.C., 6 lbs. @ 6/6 lb.; 1 lb. @ 7/- lb.
*Glycerin. Boracis, P.B., 6 lbs. @ 1/8 lb.
* „ Pepsin. Acid, P.B., 1 lb. @ 3/6 lb.
* „ Plumbi Subacet., P.B., 6 lbs. @ 2/6 lb.
Guaiacol Carb., 1 lb. @ lb.
Guaiacol, pure, 1 lb. @ lb.
Gum Acaciæ sorts, 3 cwt. @ 75/- cwt.; 1 cwt. @ 80/- cwt.; 7 lbs. @ 10½d. lb.; English Ground Powder, No. 1, 1 cwt. @ 140/- cwt.; 7 lbs. @ 1/6 lb.; No. 2, 1 cwt. @ cwt.; 7 lbs. @ 1/2 lb.
Gum Benzoin, Sumatra, 84 lbs. @ 1/8 lb.; 7 lbs. @ 1/10 lb.
Gum Catechu Nig., English Ground, 1 cwt. @ 105/- cwt.; 14 lbs. @ 1/- lb.
Gum Guaiaci, 1 cwt. @ 1/3 lb.; 28 lbs. @ 1/5 lb.
Gum Juniper, 14 lbs. @ 1/- lb.
Gum Thus Elect., 2½ cwt. @ 48/- cwt.; 28 lbs. @ 52/- cwt.
Gum Tragac. Elect., English Ground, 7 lbs. @ 10/- lb.; 1 lb. @ 11/- lb.

*Heading (Frothing Ess.), 5 lbs. @ 1/9 lb.
Heliotropine, 1 lb. @ 30/- lb.
Hellebore, White, Powder (Foreign Ground), 1 cwt. @ 52/6 cwt.
Hexamethylenetetramine, 7 lbs. @ 3/11 lb.; 1 lb. @ 4/3 lb.
Honey, Pale Set, 28 lbs. @ 1/1 lb.
Hydrargyrum, P.B., 10 lbs. @ 7/6 lb.; 1 lb. @ 7/10 lb.; Ammon., 28 lbs. @ 8/- lb.; c. Creta. 28 lbs. @ 2/6½ lb.; Iodid. Rub. 28 lbs. @ 12/8 lb.; Oxid Rub., 28 lbs. @ 8/- lb.; Perchlor., Lump, 28 lbs. @ 7/9 lb.; Subchlor. 28 lbs. @ 7/6 lb.; Sulph. c Sulph., 28 lbs. @ 7/- lb.; 7-lb. quantities 1d. lb. extra. 3-lb. quantities, 2d. lb. extra, 1-lb. quantities, 3d. lb. extra.
Hydrokinone, 1 lb. @ 16/- lb.

Ichthyol Ammon. chemical equivalent: Ammon-Ichthosulphonas, B.P. Codex, 7 lbs. @ 7/- lb.; 1 lb. @ 7/6 lb.
*Inf. Aurant. Conc., 1 to 7, 6 lbs. @ 1/9 lb.
* „ Aurant. Comp. Conc., 1 to 7, 6 lbs. @ 1/8 lb.
* „ Buchu Conc., 1 to 7, 6 lbs. @ 2/11 lb.
* „ Calumbæ Conc., 1 to 7, 6 lbs. @ 1/3 lb.
* „ Caryoph. Conc., 1 to 7, 6 lbs. @ 1/4 lb.
* „ Cascarilla Conc., 1 to 7, 6 lbs. @ 1/7 lb.
* „ Cinchonæ Acid, 1 to 7, 6 lbs. @ 1/11 lb.
* „ Gentianæ Co., 1 to 7, 6 lbs. @ 1/4 lb.
* „ Quassiæ Conc., 1 to 7, 6 lbs. @ 1/- lb.
* „ Rhei Conc., 1 to 7, 6 lbs. @ 1/10 lb.
* „ Rosæ Acid. Conc., 1 to 7, 6 lbs. @ 2/11 lb.
* „ Senegæ Conc., 1 to 7, 6 lbs. @ 2/8 lb.
* „ Valerian Conc., 1 to 7, 6 lbs. @ 1/10 lb.

Insect Powder, Opt., English Grd., closed flowers, 7 lbs. @ 3/- lb.; English Ground, ½ closed flowers, 4d. lb. less; Foreign Ground, 28 lbs. @ 1/10½ lb.
Iodoform Pulv. B.P., 7 lbs. @ 18/- lb.; 1 lb. @ 18/6 lb.
Iodum, resub. B.P., 7 lbs. @ 14/11 lb.; 1 lb. @ 15/8 lb.
Isinglass, Brazil, fine cut, 7 lbs. @ 3/9 lb.; 1 lb. @ 4/- lb.; Russian finest, 7 lbs. @ 10/6 lb.; 1 lb. @ 11/- lb.; Ribbon or Sheet, 7 lbs. @ 2/9 lb.; 1 lb. @ 3/- lb.

Kamala, 7 lbs. @ 1/8 lb.; sifted, 2/- per lb.

Lapis Pumicis, fine powder, 2 cwt. @ 12/6 cwt.; 7 lbs. @ 2d. lb.; lump, 2 cwt. @ 18/- cwt.; 7 lbs. @ 3d. lb.
Liquorice Juice, Sticks, 1 cwt. @ ; cwt.; 28 lbs. @ 2/- lb.; 7 lbs. @ 2/1 lb.
*Lin. Aconiti Metb., 5 lbs. @ 2/2 lb.; 1 lb. @ 2/5 lb.
* „ Bellad. Metb., 5 lbs. @ 8/8 lb.; 1 lb. @ 9/- lb.
„ Campb. P.B., 9 lbs. @ 1/6 lb.
„ Sapo Metb., 9 lbs. @ 1/4 lb.
„ Tereb. Acet., B.P., 5 lbs. @ 1/3 lb.
Linseed c. Oil, Crushed, 3 cwt. @ 42/6 cwt.; 1 cwt. @ 43/6 cwt.
*Liq. Ammonii Acetatis Conc. 1–7, 6 lbs. @ 1/4 lb.; 1 lb. @ 1/7 lb.
* „ Ammon. Aromat., 6 lbs. @ 11d. lb.
* „ Antim. Chlor. Pure, 8 lbs. @ 10d. lb.
* „ Arsenicalis, B.P., 7 lbs. @ 5d. lb.; 1 lb. @ 8d. lb.
* „ Arsenil Hydrochlor., P.B., 7 lbs. @ 4d. lb.; 1 lb. @ 7d. lb.
* „ Bismuth, P.B., 6 lbs. @ 1/7 lb.
* „ Copaiba Buchu et Cubeb, 5 lbs. @ 3/6 lb.; 1 lb. @ 3/3 lb.
* „ Easton, p.s. 1–3, B.P., 1 lb. @ 3/8 lb.
* „ Ferri Dialysatus, 6 lbs. @ 1/7 lb.
* „ Ferri Iod. p.s., 1–7, 1 lb. @ 7/3 lb.
* „ Ferri Perchlor. Fort., P.B., 7 lbs. @ 6d. lb.
* „ Ferri Phospb. Co. p.s., 1–7, 7 lbs. @ 1/7 lb.
* „ Hamamelidis, B.P., 6 lbs. @ 1/4 lb.
* „ Hypophospb. Co., p.s., B.P.C., 1 lb. @ 4/1 lb.
* „ Iodi Fort, B.P., 5 lbs. @ 7/4 lb.
* „ Morphinæ Acet. or Hydrochlor., P.B., 6 lbs. @ 4/3 lb.
* „ Opii Sed., 5 lbs. @ 6/4 lb.
* „ Plumbi Subacet., P.B., 7 lbs. @ 7d. lb.
* „ Prunl V'rg. p.s. 1–7, 5 lbs. @ 2/10 lb.
* „ Rhœados pro Syr., 1 to 7, 5 lbs. @ 2/9 lb.
* „ Rhei, p.s., 1–7, 6 lbs. @ 3/2 lb.
* „ Santali Co., 1 lb. @ 5/6 lb.
* „ Sennæ Dulc. 6 lbs. @ 1/9 lb.
* „ Sennæ pro Syr. 1–7, 6 lbs. @ 3/5 lb.
* „ Strychninæ Hyd. P.B., 6 lbs. @ 2/2 lb.
* „ Tolut. pro Syr. 1–7, 6 lbs. @ 1/11 lb.
* „ Trinitrini, B.P., 1 lb. @ 7/3 lb.
Lithia Carb. P.B., 28 lbs. @ 6/- lb.; 7 lbs. @ 6/3 lb.; 1 lb. @ 6/6 lb.
„ Citras, B.P., 28 lbs. @ 6/4 lb.; 7 lbs. @ 6/7 lb.; pulv., 3d. lb. extra.
Lycopodium, 7 lbs. @ 7/9 lb.

Mag. Calc. Levis, 1 lb. @ 2/- lb.
Mag. Calc. Pond., 7 lbs. @ 2/9 lb.; 1 lb. @ 3/- lb.
Mag. Carb. Pond., 7 lbs. @ 11d. lb.
Mag. Carb. Levis., 1 cwt. @ ; 7 lbs. @ 1/1 lb.
Mag. Cit. Gran., 28 lbs. @ 1/5 lb.; 6 lbs. @ 1/6 lb.
Mag. Sulph., fine druggists', B.P., 1 cwt. @ 2/6; 28 lbs. @ 3d. lb.
Manna, Flake, 14 lbs. @ 6/- lb.; 7 lbs. @ 6/2 lb.; 1 lb. @ 6/9 lb.

Menthol, dry white cryst., 60 lbs. @ 12/10 lb.; 5 lbs. @ 13/3 lb.
*Mist. Sennæ Comp., B.P., 20 lbs. @ 8d. lb.; 6 lbs. @ 9d. lb.
Morphinæ Acet. Hydrochlor. or Sulph., Pulv. B.P., 25 oz. @ 14/6 oz.; 16 oz. @ 14/9 oz.; 8 oz. @ 15/- oz.; 1 oz. @ 16/- oz.; Pur. Præcip. Bimeconate or Tart., 1 oz. @ 19/- oz.
Morphinæ Diacetyl., 4 oz. @ 21/- oz.; 1 oz. @ 21/6 oz.; Hydrochlor., 6d. per oz. less.
Myrrh, Gum, English Ground, 28 lbs. @ 1/9 lb.; 7 lbs. @ 2/- lb.

Naphthalene, Candles, 7 lbs. @ 7½d. lb.
Nux Areca, 1 cwt. @ 55/- cwt.; 7 lbs. @ 7d. lb.; powder, English ground, @ 80/- cwt.; 7 lbs. @ 9½d. lb.

Ol. Amygdal. Ang., B.P., 9 lbs. @ 3/0½ lb.
Ol. Anethi Ang. B.P., 1 lb. @ 30/- lb.
Ol. Anisi, E.I., 66 lbs. @ 3/8 lb.; 16½ lbs. @ 4/- lb.; 4½ lbs. @ 4/5 lb.; 1 lb. @ 4/8 lb.
Ol. Aurant., 12 lbs. @ 10/6 lb.; 1 lb. @ 11/- lb.; not guaranteed absolutely pure.
Oil of Bays, genuine W.I., 1 lb. @ 14/6 lb.
Ol. Cajuput., B.P., 21½ oz. bots. @ 4/9 lb.
Ol. Camphor. Essent., White, 40 lbs. @ 1/- lb.; Brown, 40 lbs. @ 120/- cwt.
Ol. Caryoph. Ang. B.P., 9 lbs. @ 6/6 lb.; 4½ lbs. @ 6/9 lb.
Ol. Cassiæ, 16 lbs. @ 4/6 lb.; 6 lbs. @ 4/9 lb.
Ol. Cinnam., 1 lb. @ 32/- lb.; 1 oz. @ 2/3 oz.
Ol. Citronellæ, 9 lbs. @ 2/3 lb.
Ol. Coco Nucis, finest White, 80 lbs. @ 76/6 cwt.; 40 lbs. @ 78/6 cwt.
Ol. Eucalypt., P.B., 1 cwt. @ 2/6 lb.; 28 lbs. @ 2/7 lb.; 9 lbs. @ 2/8 lb.
Ol. Geranii Gall. Opt., 1 lb. @ 28/- lb.; 8 1-oz bots. @ 2/3 oz.; 1 oz. @ 2/6 oz.; Tus.; 1 lb. @ 15/- lb.; 4 ozs. @ 1/6 lb.
Ol. Gynocardiæ, 5 lbs. @ 4/- lb.; 1 lb. @ 4/3 lb.
Ol. Juniperi Ligne Exot., 9 lbs. @ 9/- lb.
Ol. Lavand. ab Flor., 5 lbs. @ 17/- lb.; 1 lb. @ 18/- lb.
Ol. Menth. Pip. English, 5 lbs. @ 52/- lb.; 1 lb. @ 52/6 lb.; Hotchkiss original bots., 21 oz. each @ 1/9 lb.; 6 bots. @ 16/6 lb.; 18 bots. @ 16/- lb.; American, 20 lbs. @ 12/- lb.; 4½ lbs. @ 13/- lb.; 1 lb. @ 13/6 lb.; Japanese, 60 lbs. @ 3/10 lb.; 5 lbs. @ 4/6 lb.
Ol. Morrhuæ, 1916, finest non-freezing, 2-gall. tins @ 20/- per gall.
Ol. Myrbane, 9 lbs. @ 3/- lb.
Ol. Myristicæ, 7 lbs. @ 7/6 lb.; 1 lb. @ 8/- lb.
Ol. Nucis Pallid., 2 gall. tins @ 9,3 gall.
Ol. Olivæ, P.B., good yellow, guaranteed pure, 45 gall. barrels @ 8/3 gall.; 2 gall. tins @ 9/6 gall.
Ol. Origani Rub., Coml., 28 lbs. @ 2/- lb.; 9 lbs. @ 2/3 lb.
Ol. Peach Kernel (so-called), 1 cwt. @ 1/4½ lb.; 56 lbs. @ 1/6 lb.; 9 lbs. @ 1/8 lb.
Ol. Pulegii B.P., 5 lbs. @ 6/6 lb.; 1 lb. @ 6/10
Ol. Ricini Alb. Opt. Medicinal, 40 lbs. @ 95/- cwt.; 9 lbs. @ 1/- lb.; for export, 1 cwt. drums recommended.
Ol. Rosmarini, Coml., 28 lbs. @ 2/3 lb.; 9 lbs. @ 2/6 lb.; B.P., 9 lbs. @ 3/- lb.; 1 lb. @ 3/3 lb.
Ol. Santal. Flav. Ang. B.P., 5 lbs. @ 52/6 lb.; 1 lb. @ 53/6 lb.
Ol. Sassafras, genuine, 28 lbs. @ 3/10 lb.; 1 lb. @ 4/5 lb.
Ol. Theobromæ, B.P., 8-oz. tabs., 28 lbs. @ 2/2 lb.; 7 lbs. @ 2/4 lb.
Ol. Wintergreen, Artificial, 5 lbs. @ 6/6 lb.; 1 lb. @ 7/- lb.
Oplum, B.P., 14 lbs. @ 42/- lb.; 3 lbs. @ 43/- lb.; 1 lb. @ 44/- lb.; powder, 6d. lb. extra.

***Minimum quantity at these prices; Home Trade, 3 Winchester Quarts assorted; Export, 12 Winchester Quarts assorted.**

NOTE.—Only terms Net Cash with Order without discount, or orders accepted through London Merchants or Bankers. Goods carriage forward; all packages free; Export cases extra.

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Offices: 34 LEADENHALL STREET.

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(As supplied to H.M. Government)

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Blandfield Works, EDINBURGH.
25 Christopher Street, LONDON, E.C.
37 Washington Street GLASGOW.

THE CHEMIST & DRUGGIST SUPPLEMENT.

OFFICE: 42 CANNON STREET, E.C. SATURDAY, APRIL 21, 1917

TO ADVERTISERS IN THIS SUPPLEMENT.

The Publisher desires to make it clear that advertisements of Businesses for Disposal and Wanted, Situations Open and Wanted, Exchange Column, &c., MUST BE PREPAID (except in the case of serial advertisers), and to ensure prompt insertion

REMITTANCES MUST ACCOMPANY INSTRUCTIONS.

Advertisements for the current issue cannot be received after 4 p.m. on Thursday in each week. If it is necessary to telephone or telegraph an urgent announcement this may be done

PROVIDED the MONEY is TELEGRAPHED

at the same time and the fact made clear that the money order is to be delivered at 42 CANNON STREET, LONDON, E.C. Advertisers will assist greatly in the preparation and quick despatch of the Supplement by making careful note of these rules. Telephone: No. 3617 Central (3 lines). Telegraphic Address: "Chemicus Cannon London." (Three words counted as two.)

BEST RESULTS EVERY WEEK!

There is no need to guarantee the genuineness of the advertisements in 'The Chemist & Druggist Supplement.' Everybody in the drug-trade knows that only *bona-fide* paid-for advertisements are inserted. The 'Chemist & Druggist Supplement' knows no dead-heads, for it gives

THE PUBLICITY IT PAYS TO PAY FOR.

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone Number: City 2283.

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

1.—ESSEX.—Busy market thoroughfare; brisk ready-money Business; returns last year £1,560; *net profit* £300; rent £50; price £550.

2.—LONDON, S.W.—Medium-class Family trade; well established; turnover averages £925; *gross profit* £355; comfortable residence; rent £45; sub-let £13; no near opposition; price £400, or valuation of stock and fixtures.

3.—LONDON SUBURB (Few Miles Out).—Good-class Business; capital position; returns about £2,000; intending investors with £1,100 at command will find this a sound concern.

4.—CITY PHARMACY.—Neglected Business; returns, present rate, under Assistant, about £13 weekly; an opportunity presents to materially extend the turnover; offer wanted.

5.—LONDON, N.—Cash Retail Business, with Optical connection; established many years; gross receipts average £1,150; books open to inspection; price £450.

6.—LONDON, N.W.—Death vacancy; lock-up Pharmacy; situate in main thoroughfare; attractive shop and good stock; returns about £1,000; *profits above the average of Retail trade*; terms, valuation of stock and fixtures.

7.—LONDON, E.—Ready-money Drug Stores, at present under unqualified management; returns £8 to £10 weekly; scope for development under energetic management; price £150; death cause of sale.

8.—BIRMINGHAM. Retail and Dispensing Business; established many years; returns, under management, about £600, formerly £1,000; there is also an appointment giving an income of £80 yearly; satisfactory reason for disposal; valuation terms entertained.

9.—KENT.—Established Business; returns upwards of £1,400 yearly at fair prices; attractive shop, double-fronted; well-selected stock; rent £50 yearly; price £900.

10.—CARDIFF.—Retail and Dispensing, together with Wines; returns £1,500; excellent premises, situate in main thoroughfare; vendor desires to take up an appointment, and for a quick sale will accept the value of stock and fixtures.

11.—LONDON, N.W.—Ready-money Retail, including small syphon-filling plant; returns average £500 at good prices; double-fronted shop, corner position; rent moderate; held on lease; no immediate opposition; offer wanted.

12.—EXETER (Near).—For Disposal through death, Family and Dispensing Business; returns between £400 and £500; rent £38; no immediate opposition; price £175.

13.—ESSEX.—A partner required in very old-established Business situate in a Home County; a gentleman with small capital would not be objected to; returns, including branch, £3,650.

14.—HANTS.—Mixed Business; returns under assistant over £800 yearly; *net profit* £300; full investigation invited; reasonable offer would be accepted.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasize the necessity of a Periodical Statement of Account, by which means alone **Profit, the value of Business, &c.,** can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of **confusion and loss.**

Messrs. O. & Co. are prepared to undertake these essential duties, and will make **Special Terms** for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

PARSON C. BAKER

(Pharmaceutical Chemist),

Trade Valuer & Transfer Agent,

Recommended by The British Drug Houses, Ltd.; Messrs. Maggeson & Co.; Barclay & Sons, Ltd.

Valuer to the Association of Manufacturing Chemists.

1 Mountfield Road, CHURCH END, FINCHLEY, N.

Tel. No.: Finchley 612.

THOS. TOMLINSON & SON

CHEMISTS' VALUERS, TRANSFER AGENTS, AND EXPERT STOCKTAKERS,

45a MARKET STREET, MANCHESTER.

ESTABLISHED OVER HALF A CENTURY.

Telegraphic Address: "Tomtom."

BATTAM & HEYWOOD

(ESTD. 1837.)

CHEMISTS' VALUERS, TRANSFER AGENTS, AND EXPERT STOCKTAKERS.

Balance Sheets Prepared. Books Audited.

3 DAVIES STREET, BERKELEY SQUARE, W.

Telephone: GERRARD 2169.

BERDOE & FISH

VALUERS & TRANSFER AGENTS,

35 Jewry Street, Fenchurch Street, City.

Telephone: 1809 CENTRAL.

NO CHARGE TO PURCHASERS.

1.—DEVON (Market Town).—Good-class Retail, Agricultural, and Photographic Business, under management and scope for increase; returns average £1,300; principal did £1,500; main road position; splendid premises; fully stocked; price simply valuation, about £900.

2.—SOUTHEND-ON-SEA.—Very profitable Light Retail, few patents; present returns £12 weekly under manager; will do £25 to £30 in season; fine main-road position; good house attached; price £300, or £50 and valuation; strongly recommended.

3.—HERTS (Market Town).—Most desirable Light Country Retail; easily worked; returns about £900; good profits; excellent house, bathroom, etc.; very best position; well stocked; price for prompt sale, £400 cash; strongly recommended.

4.—YORKS.—First-class Retail and Dispensing Business, pleasantly situated; easily worked; returns over £900; net profit £300; good house and Pharmacy; scope for increase; price, valuation about £650.

5.—LONDON (12 miles out).—Middle-class Retail and Dispensing, with Dentistry; returns approach £1,300, increasing; net profit over £400; modern house and large garden; rent £50; compact, well-fitted Pharmacy, well stocked; price £600, or £150 and valuation; partnership entertained.

6.—LONDON (Eastern Suburb).—For immediate Disposal, owner called up, sound ready-money Drug Store, no poisons or panel, in busy marketing thoroughfare and no opposition; returns over £30 weekly; good profits; fully stocked; price valuation about £500; books properly kept; qualified man would do much more.

STOCKTAKINGS.

Appointments for stocktakings and valuations should be made early. Full particulars and terms sent on application. See page 90 of the *C. & D. Diary*, 1917.

We desire particularly to draw the attention of Colonial and Foreign Subscribers to the fact that in cases where they require partners, agents or assistants, or wish to sell their businesses, an advertisement in this Supplement, placed in every copy of "The Chemist and Druggist," should be the readiest means of helping them to attain their object. The tariff for such announcements is given under the appropriate headings in the Supplement. Instructions and remittances can be sent to us direct or through the advertisers' correspondents in this country.

BUSINESSES FOR DISPOSAL.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

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BRISTOL CHANNEL.—Excellent opportunity for acquiring old-established good-class Business showing net profit £350; well situated, with commodious house; low rental; owner, having largely increased the turnover in short time, is now taking a much larger concern, and would dispose on favourable terms. Apply, 205/250, Office of this Paper.

KENT.—Good-class Dispensing and modern Retail Business; established 20 years; fine central position; over £2,000 returns; excellent house; splendidly stocked and fitted; for quick sale accept £1,200; owner called up; or smart, capable Partner entertained; particulars with references only. Apply 205/35, Office of this paper.

LONDON, N.W.—Herbal Drug Stores; takings £8 per week; well fitted and stocked; good opening for Dentistry or Chemist; rent £45; lowest in main road; lease to run 12 years; good house and large garden; first reasonable offer accepted; owner called up. "Urgent" (204/29), Office of this Paper.

WEST END.—Most desirable opportunity occurs of acquiring a first-class Dispensing Business prominently situated in one of the best residential centres; well established and producing a clear net profit of £700 yearly; excellent premises; scope for considerable increase; price £1,100; fullest investigation courted; references exchanged. Apply, "Major" (206/35), Office of this Paper.

YORKSHIRE.—Good-class Suburban Business; old-established; healthy neighbourhood; splendidly situated; easy to work; an unique opportunity for client looking for a sound business; immediate disposal; bare valuation; a bargain. Apply, 7/46, Office of this Paper.

DEPOSIT only necessary to secure a sound paying Business; around £250 a year to be made; chance of a lifetime; future monthly payments arranged on easy terms; cash not so essential as a man capable of making money; state cash, though small, and give references; fine fittings, good stock; owner retires; entry up to end of May. Apply, 203/7, Office of this Paper.

DRUG STORE; East London Market; takings £30 per week; well fitted and stocked; lock-up shop; rent £50; lease eight years to run; valuation of stock and fixtures (about £500); owner called up; urgent. Apply, 200/10, Office of this Paper.

IN fashionable inland health resort, old-established Dispensing and Family Business; annually increasing returns; good house; well-fitted, fully stocked shop; moderate terms to early purchaser; full investigation allowed. Apply Parson C. Baker, 1 Mountfield Road, Church End, Finchley, N. 3.

£100 COULD REMAIN.—Good-class Chemist's Business in main street popular seaside resort; double-fronted, commodious shop; handsomely fitted; stock and fixtures, £225; no goodwill; immediate possession; owner joined O.T. Corps. "Bargain" (206/5), Office of this Paper.

FOR SALE.

AMYL. ACET. c.p. 56 lb., about 1 lb. Safranine, 1 lb. Vanilline, 1 lb. Butyric Ether, 1 oz. Nigrosin, 1 lb. each Rosemary and Lavender Oils; also Analytical Reagents, various Pharm. specimens in 2 oz. stopd. bottles, 50-gram Becker Balance, Chem. Socy. Jnls., 9 years, etc. What offers? Lloyd, Broad Street House, E.C. 2.

COMPLETE Fixtures of Chemist's Shop; mahogany; Dispensing Screen and Counter; wall cases, mirrors, shelves, drawers, etc.; in excellent condition. Apply Clare & Hunt, Ltd., South Street, Scarborough.

REAL BARGAIN.—National Cash Register, second-hand, going cheap; condition guaranteed; small machine. Write at once to F. King, 27 Chesterfield Gardens, Green Lanes, Harringay, N. 4.

145 Mahogany Stock Drawers, sunk gilt glass labels, glass knobs; 200 glass-stoppered drug bottles. Prices and details from Tansley & Son, Prudential Buildings, Nottingham.

AGENCIES.

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INFLUENTIAL Indian Agency.—Manager, resident in India and with offices in all important towns, practically controlling the Bombay, Calcutta, and Karachi markets, is desirous of securing agencies for Chemicals, Medicinal Drugs, Fruit Salts, Oils, Patent Medicines, and Drugs of every description; at present representing many of the oldest and largest British Commercial Houses in various lines; if the rates are in order and shipments can be made large orders can be guaranteed immediately. Address inquiries to Box "B.," Brockie, Haslam & Co., 23 Fleet Street, London, E.C. 4.

BUSINESSES WANTED.

SOUTH OF ENGLAND.—£400 cash ready, remainder by instalments. Apply, 205/16, Office of this Paper.

SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

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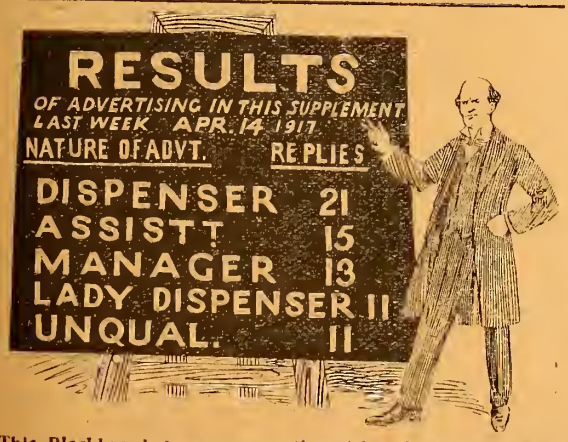

This Blackboard demonstrates that Advertisers using these columns get a ready response to their announcements. The figures only refer to some of the letters RECEIVED AT OUR OFFICE on behalf of Advertisers who use a number or nom de plume.

RETAIL.

BARROW-IN-FURNESS.—Wanted, qualified Manager for Branch Business. Apply, with full particulars of experience, age, and salary required, to Bryden, Michaelson Road, Barrow-in-Furness.

BIRKENHEAD.—At once, an unqualified Assistant (outdoors) for Retail and Dispensing business; lady or gentleman. Apply, stating full particulars, age, experience, and salary required, to Snow & Sons, Chemists, Birkenhead.

BIRMINGHAM.—Firm of Retail Chemists has an opening for a smart, unqualified man, age about 46, to assist in Stock-taking department; must be quick at figures and well up in the trade; permanency if satisfactory. "Stock" (205/133), Office of this Paper.

BIRMINGHAM (Near).—Smart young lady Assistant required; must be a good dispenser and have had Counter experience; permanent and comfortable berth. "Hazel" (205/131), Office of this Paper.

BIRMINGHAM.—Wanted, capable lady Assistant for permanent berth; outdoors; good Retail experience and some Dispensing knowledge essential; hours 9-8, half-holiday weekly; salary 2 guineas and commission on establishing herself. F. H. Johnson, 112 Lozells Road, Birmingham.

BOURNEMOUTH.—G. E. Bridge & Co., Ltd., require a qualified Assistant to take charge of their Pharmacy Department; ineligible or over military age. Apply, with full particulars, to W. E. Curtis, 128 Old Christchurch Road, Bournemouth.

BRADFORD.—Wanted, reliable unqualified Assistant, lady or gentleman; mixed business and N.H.I.; comfortable berth. Apply, 204/6, Office of this Paper.

BRIGHTON.—Assistant, capable of taking charge occasionally, wanted at once; comfortable, permanent position, with moderate hours and liberal time off; no Insurance work; salary 50s. weekly; outdoors. Stead, Duke Street, Brighton.

BRISTOL.—Wanted, capable Assistant; over military age; short hours. Apply, with photograph, to Ferris & Co., Ltd., Union Street, Bristol.

CIRENCESTER.—Assistant; unqualified; Dispensing and Agricultural business; May 1st. Apply, with usual particulars, enclosing photograph, Harold Smith, Cirencester.

DARLINGTON.—Lady Assistant required; qualified (or experienced if unqualified). Apply, stating age and salary required, to Waters, Chemists, Darlington.

DONCASTER.—Wanted in May, a capable Assistant, over military age, as Senior; qualified or unqualified; good Counterman with knowledge of Photography; short hours; no N.H.I.; outdoors. Apply, Walter E. Plant, Pharmaceutical Chemist, Doncaster.

ERITH-ON-THAMES (12 miles from London Bridge).—Capable Assistant required at once for brisk Light Retail and Dispensing in manufacturing district: outdoors; reasonable hours; good salary offered to reliable man. In reply, please give fullest particulars, enclosing photo (to be returned), Walter Reeson, 80 High Street, Erith, Kent.

GLOUCESTER.—Wanted, early in May, a competent lady Assistant for Dispensing and Retail; one having experience of a Chemist's business preferred; easy hours; three kept. Full particulars as to height, experience, salary required (indoors), to W. H. Hampton, 86 Northgate Street, Gloucester.

HALIFAX.—Wanted, a capable, unqualified Assistant, lady or gentleman (latter must be ineligible for military service); short hours; no Sunday or holiday duty; a good permanent berth and liberal salary to the right person. Apply, stating age, height, and salary required, with recent references, to Taylor's (Northern), Ltd., 4 Crown Street, Halifax.

TO SAVE TROUBLE.

MANY correspondents answering advertisements in this Supplement enclose remittances to cover the cost of forwarding their letters to advertisers who prefer to be addressed c/o this Office. The Publisher desires to make it clear that this is quite superfluous, and perhaps this reminder will obviate the necessity of the frequent return by him of such remittances.

ANSWER IN TERMS OF THE ADVERTISEMENT AND

REMEMBER you are one of possibly hundreds applying for the same position. Put your case before the advertiser so that he may be able to form a MENTAL PICTURE of your suitableness.

BE BRIEF BUT CLEAR.—Millions of applications are consigned to the waste-paper basket UNCONSIDERED, because the reader cannot form this picture from the inadequacy of the materials set before him.

RETURNING PHOTOS, Etc.

Advertisers in this Section who receive portraits and copies of testimonials from applicants with a stamped addressed envelope for reply are reminded that the undue retention of these often means a hardship to the sender. All personal documents should be returned as promptly as possible after perusal.

HULL.—Wanted, a qualified Assistant (lady or gentleman) for Light N.H.I. Dispensing and part assistance at Retail Counter; state salary and when disengaged. Apply, 190/29, Office of this Paper.

LEOMINSTER.—Wanted at once, energetic, all-round Assistant; outdoors. Apply, with full particulars, Ellwood & Son, Chemists, Leominster.

LONDON.—Manager, qualified, for Branch; Light Retail; good salary; reasonable hours; outdoors. Noble's Drug Stores, Ltd., 2 Well Street, Cable Street, E.

LONDON.—Wanted, reliable outdoor Assistant, either over military age or exempt, to assist generally and help in N.H.I.; one clear day off weekly; good salary to suitable man. Apply, H. T. Hines, 86 High Street, Whitechapel, E. (near Aldgate Station).

LONDON (CITY).—Smart Junior Assistant wanted; must be good Counterman; hours 8.30 to 7 p.m., Saturday 1.30; no Sunday or Bank Holiday duty. Apply, with full particulars, date at liberty, salary, etc., to Cassie & Co., 49 Newgate Street, E.C.

LONDON (Suburb).—Assistant; ineligible; whole or part time; outdoors; good-class Retail, Dispensing, and Photographic. State usual particulars, salary expected, and when disengaged. Apply, J. P. Kendall, 20 Park Parade, Palmers Green, N. 13.

LONDON.—Wanted, part-time Assistant to help in N.H.I., etc.: either evenings or several days. Apply, H. T. Hines, 86 High Street, Whitechapel, E. 1.

LONDON, N.—Lady Assistant wanted in good-class Pharmacy: previous Counter experience not necessary; reasonable hours; outdoors; no Sunday duty. Apply, 204/34, Office of this Paper.

LONDON, N.E.—Qualified Manager for Branch; salary £3 10s. to commence; hours 9 a.m. till 9 p.m., Thursdays 1 p.m. (two kept); over military age or ineligible for Army. Apply, with full particulars, stating age, experience, etc., to "Pharmacist" (206/26), Office of this Paper.

LONDON, N.E.—Qualified Manager (under principal) in brisk Business with three branches; over military age or ineligible for Army; hours from 9 a.m. till 9 p.m., Thursdays 1 p.m. (two kept); salary £3 10s. to commence. Full particulars, stating age, experience, etc., to "Chemist," 300 Amhurst Road, Stoke Newington Road, N. 16.

LONDON, N.W.—Part-time Assistant wanted; hours could be mutually arranged; competent and efficient Dispenser. Full particulars in letter or personal interview, Wynne Williams, M.P.S., 89 Chalk Farm Road, N.W. (opposite Tube Station).

LONDON, N.W.—Qualified Assistant wanted for light duties; suit elderly gentleman. Also lady Assistant with experience in Pharmacy. A. Davidson, Pharmaceutical Chemist, 342 High Road, Brondesbury, N.W.

LONDON, N.W.—Wanted at once, capable Assistant (male); unqualified; quick and reliable Dispenser; ineligible for Army. Apply, with full particulars, salary required, &c., to W. R. Ames, High Street, St. John's Wood.

LONDON, S.E.—Competent lady Assistant required at once for Front Counter, Stock, and Dispensing; two kept; permanent and comfortable berth; easy hours; half-day weekly; duty 6.30 to 8 every alternate Sunday. Apply, giving full particulars, previous experience, salary required (outdoors), to 206/2, Office of this Paper.

LONDON, S.W.—Wanted, an Assistant; ineligible for military service. Apply, with full particulars, to Amoore & Co., 173 Sloane Street, S.W.

LONDON, W.—Assistant (outdoors); ineligible; accustomed to good-class Dispensing business; or lady able to Dispense, with knowledge of the business; moderate hours; salary to commence £2 per week to suitable applicant. Send usual particulars and reference, J. W. Feltwell, 91 Hammersmith Road, West Kensington.

LUTON.—Wanted, lady Assistant for Dispensing and Counter work; easy hours. Apply, J. T. Sunman & Son, Chemists, 43 Wellington Street, Luton.

MANCHESTER.—Managing Assistant, with some Dental experience, for May 1st; hours 9 a.m. to 8 p.m., Saturdays 10; no Sunday duty; usual Wednesday half-holiday. Also evening help from 6 or 6.30. Apply, usual particulars, salary required, John L. Smith, 49 Norwood Avenue, Southport.

MANCHESTER.—Branch Manager at once; a good Counterman with references will receive generous treatment. Apply, with full details, to "Soda," c/o Heath Bros., Blackfriars, Manchester.

MANCHESTER DISTRICT.—Qualified Branch Manager for high-class Retail and Dispensing business; house accommodation for married man; military ineligible. Applicants kindly state age, height, references, salary required, and enclose photo if convenient (to be returned), to T. Woodruff, Ph.C., High Street, Cheadle, Cheshire.

OXFORD.—Wanted, an unqualified Assistant for Dispensing and Photographic Business; should be ineligible for Army. Fullest particulars, Druce & Co., 118 High Street.

ROYAL GWENT HOSPITAL, Newport, Mon.—Assistant Dispenser wanted for the duration of the war; must be qualified. Apply, giving full particulars of experience, to the Secretary-Superintendent.

SOUTH of England.—Assistant required; free removal; permanency with good salary. Timothy White Co., Ltd., Chemists, Portsmouth.

SWINDON.—Assistant (ineligible) required for good-class Mixed Retail Dispensing and Photographic business. Full particulars to Green & Co., Chemists, Swindon.

WEST BROMWICH.—Junior Assistant or Improver wanted; to live in. Write, giving full particulars of experience, age, height, and salary required, also copy of references, to J. Haddock, Chemist, 64 Bull Street, West Bromwich.

WESTON-SUPER-MARE.—Assistant for Light Retail and Dispensing (outdoors). Ernest Widgery, Pharmaceutical Chemist.

YORKSHIRE (West Riding).—Manager (qualified) required for progressive Cash business; must be a rejected man or above military age; liberal interest in the profits offered to a really capable man. "Urban" (205/13), Office of this Paper.

AS soon as possible.—Competent Assistant, lady or ineligible gentleman, in good-class Light Retail and Dispensing business; quick and accurate Dispenser. Apply, stating age, height, salary required (outdoors), and references, to Henry Davis, Pharmacist, 37 Northbrook Street, Newbury, Berks.

AS soon as possible.—Lady or ineligible gentleman, quick and accurate Dispenser, for good-class Light Retail and Dispensing business; easy hours. "Omega" (204/40), Office of this Paper.

ASSISTANT wanted; qualified; ineligible or over age; outdoors. Apply Russell Jacks, Pharmaceutical Chemist, 161 Gower Street, W.C. 1.

ASSISTANT wanted (qualified) for Dispensing Counter; ineligible for Army or over military age; outdoors; good salary to suitable man. Apply L. Cameron, Pharmaceutical Chemist, Seaford, Sussex.

BRANCH Manager; N. London Market; up-to-date man wanted; great scope for increased trade; interest in business given to right man; married and to live on premises preferred but not essential. State salary, experience, and references, first letter, to 205/8, Office of this Paper.

BRANCH Manager wanted at once; must be over military age or ineligible; please apply, in the first instance, by letter, stating salary required, when disengaged, and enclosing, if possible, recent photograph. Apply, 205/310, Office of this Paper.

COMPETENT lady Assistant wanted for high-class Dispensing and Country business. Apply, with full particulars of age references, salary required, and photo (to be returned), to Dickinson, Pharmacist, Stamford, Lincs.

DISPENSING Assistant (lady or gentleman), for N.H.I., Light Retail, etc., in healthy Midlands country town; outdoors; hours easy; no Sunday duty; comfortable berth. State salary required and full particulars to Blades, Chemist, Leek, Staffs.

DISPENSER, Minor, with good experience, also part-time qualified Assistant, for afternoons and evenings. Kindly address full particulars of experience, age, and salary to "Omen," c/o Maw, Son & Sons, 7/12 Aldersgate Street, E.C. 1.

IMPROVER or Turnover wanted for provincial Family and Agricultural Business; outdoors; easy hours; must be ineligible or not over 17 years of age. Write, with full particulars, to R. B. Sandiland, Pharmaceutical Chemist, Leominster, Herefordshire.

JUNIOR Assistant required (lady or gentleman) for good-class Pharmacy. Apply, stating salary required and full particulars, to A. B. Higgs, Pharmacist and Optician, Horley, Surrey.

JUNIOR (ineligible); Light Retail and Dispensing; time for study could be arranged (outdoors). Apply, full particulars, age, experience, references, and photo if possible, "Progress" (204/30), Office of this Paper.

LADY Dispenser and Bookkeeper (outdoors) wanted for Medical Practice in town near London. Apply, stating age, experience, salary required, etc., to 203/1, Office of this Paper.

LOCUM wanted in May or June for about three weeks. Please state terms, references, etc., D. Lewis, M.P.S., Pharmacist, Tisbury, Wilts.

LOCUM TENENS wanted in North London for two or three weeks; state terms, etc. Apply, 206/29, Office of this Paper.

LADY DISPENSER,

QUALIFIED, wanted temporarily for the Workhouse Infirmary, Portsmouth. Must possess a qualification required by the Local Government Board.

Apply, stating salary required and full particulars, to Clerk to Guardians, Portsmouth. (By Order), E. H. Mitchell, Clerk. 13th April, 1917.

MANAGER required (at once) (ineligible) to take full charge; knowledge of agricultural business essential. Apply, with full particulars, experience, age, references, and salary required, to Allen & Neale, King's Lynn.

MESSRS. TIMOTHY WHITE CO., LTD., Chemists, Portsmouth, require a capable Pharmacist (male or female); easy hours; good and progressive salary, with excellent prospects; free removal.

ONE qualified and one unqualified Assistant wanted; Manchester district; non-eligible. Particulars as to experience, salary, etc., to 199/18, Office of this Paper.

PART-TIME Assistant (ineligible) for two or three hours every evening in North London. Apply, 206/28, Office of this Paper.

QUALIFIED Dispenser required at once. Apply, personally or by letter, to Staff Manager, Harrod's, Ltd., 44 Hans Crescent, S.W.

QUALIFIED Locum, well recommended and reliable, either sex, required from April 30th to May 9th, both days inclusive (no Sunday duty), or near this date. Applicants please give full particulars as to references, and state explicitly salary required, outdoors, to Mr. Ness, Pharmacist, 68 Brixton Road, S.W. 9.

QUALIFIED Manager (single), age about 45, required for Relief work; permanent and lucrative post. "Relief" (205/130), Office of this Paper.

QUALIFIED Manager, age about 46, required; permanency; good salary; comfortable berth for steady, willing worker. "Hazel" (205/132), Office of this Paper.

QUALIFIED Assistant (ineligible for Army); good salary; whole day holiday a week; occasional Sunday duty. Apply personally, or write stating full particulars and salary, to Wm. Fox & Sons, Ltd., 109-113 Bethnal Green Road, E. 2.

QUALIFIED Superintendent, to take active part in management of small limited company doing good-class Family trade; country town near London; hours light; Photographic knowledge essential. References and usual particulars, 206/9, Office of this Paper.

SALESMAN and Dispenser wanted (unqualified); must be ineligible or over military age; apply, in the first instance, by letter, stating salary required, when disengaged, and enclosing, if possible, recent photograph. Apply, 205/31, Office of this Paper.

T. JONES & CO., 5 Putney Hill, require a qualified lady, age 24 to 26, with some Business experience, as Dispensing Assistant in good-class business. Apply, personally (or by letter), to Mr. Amoore.

TEMPORARY Dispenser and Photographer, ineligible for military service, required at the Glamorgan County Asylum; must be fully qualified; salary to commence at £100 per annum, with 5s. per week war bonus and lunch 5 days weekly; must reside within 2 miles of the Asylum. Applications, stating age and qualifications, with copies of three recent testimonals, to be sent to the Medical Superintendent.

UNQUALIFIED Assistant (female or ineligible male) in quick Cash business; must possess Dispensing experience; easy hours; no Sunday or night duty. Apply, stating particulars of experience, age, and salary required, to Martyn's Stores, Ltd., 26 Queen Street, Wolverhampton.

WANTED, Assistant for good-class Dispensing business; North of England. Apply, "Urgent" (9/24), Office of this Paper.

WANTED, non-eligible Assistant; Country, Agricultural; permanency; full particulars, salary; half-holiday; no Sunday duty. Apply, 202/24, Office of this Paper.

WANTED, a reliable and smart unqualified Assistant for Dispensing and Counter; salary 50s. outdoors or 25s. indoors; comfortable berth; hours, 8.30 a.m. to 8 p.m. S. W. Vincent, Chemist, Addiscombe, Croydon.

YOUNG Lady Dispenser required; one with Counter experience preferred; must have the Apothecaries' Hall qualification. If convenient, apply personally any morning (except Saturday), Parke's Drug Stores, Ltd., 65 Harmood Street, N.W.

WHOLESALE.

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ASSISTANT required at once for Wholesale Manufacturing Druggists' Laboratory; ineligible for Army. Apply, giving full particulars, Davies, Sons & Co., Manufacturing Chemists, Derby.

CHEMIST

FOR Manufacturing Department of a London House; thoroughly experienced in Toilet Preparations, Perfumery, and Packed Goods, Drugs, and Chemicals; good disciplinarian and organiser. Reply, stating qualification, experience, and salary, etc., to 9/59, Office of this Paper.

CHEMIST wanted for Government-controlled Sugar Refinery; must have experience of Sugar Refining, Analysis, etc., and be ineligible for military service or over 30 years of age and below Class B 3. References and name of present or last employer to be sent with application. Write, Box G991, Lee & Nightingale, Liverpool.

COST Clerk required; must have had experience in the trade; male exempt from military duties or female. Apply, stating experience and salary required, to "C. P. W.," c/o Burgoyne, Burbidge & Co., East Ham, E.

EXPERIENCED man or lady required to assist in the management of Import and Export business. Apply, with full particulars, to 4/68, Office of this Paper.

FOREWOMAN wanted for Toilet Lines; practical and experienced. State particulars of recent work and wages required to "X. Y." (10/65), Office of this Paper.

LABORATORY Chemist (Assistant), lady or gentleman (ineligible), required for Pharmaceutical testing, estimating Spirit and Alkaloidal strengths, and other routine work. Replies, giving full particulars of past experience, age, etc., to 9/56, Office of this Paper.

LADY Assistant to Works Chemist, £150 a year.—Wanted, strong, active woman to assist and understudy Works Chemist in North London Factory, mainly making Packed and Toilet Goods; Works experience not essential, but must have some knowledge of Chemistry or Practical Pharmacy; Hall certificate a recommendation; hours 8 a.m. to 5.30 p.m.; bonus and other privileges. Write, fully, do not enclose photo or stamps, but state age, height, and experience or qualifications, to "K" Box, Spottiswoode, Dixon & Hunting, Ltd., Kingsway Hall, W.C. 2.

REPRESENTATIVE.—Well-known Perfumery and Essential Oil House requires Representative for North of England and Scotland; must know ground thoroughly and be well introduced. Reply, in confidence, giving full particulars as to experience, name of present or last employer, terms required, if ineligible, and when free. Apply, 206/30, Office of this Paper.

TWO Invoice Clerks required, male or female; must be exempt from military service; knowledge of the Drug trade essential. Apply, by letter, giving full particulars of experience, to "Gentian" (9/69), Office of this Paper.

WANTED, practical man, experienced in Chemicals and Drugs, for Sales Department, London House. State full details, salary, etc., to J. T., c/o Advt. Dept., American Commerce Co., Ltd., 19 St. Bride Street, London, E.C. 4.

WANTED, with Chemical knowledge, lady or gentleman, for Manufacturing business, North London, to test materials and manufactures; permanent position. Write, fullest particulars, wages required, etc., to "M," Box 605, Benson's, Kingsway Hall, London, W.C. 2.

WANTED, Assistants for Dry Counter and Invoice Clerks, London Wholesale Druggists, supplying Military and other Hospitals, Chemists, and Doctors. Apply, 10/13, Office of this Paper.

WANTED, lady Chemist for provincial House to control the manufacture of Toilet Goods of every description; one who has held similar post preferred; good salary and prospects. Apply, 10/30, Office of this Paper.

WANTED, for duration of war, Representative to take over old-established connection; must have thorough knowledge of the Surgical and Sundry trade; ineligible for service. Apply, with full particulars, 10/300, Office of this Paper.

WANTED, in the Laboratory of an old-established London firm of Manufacturing Chemists, a man experienced in the making of Tinctures, Infusions, etc. (permanency). Also a Packer (male or female). State experience and wages. Apply, 204/20, Office of this Paper.

WET-FLOOR Assistant required for City Wholesale Druggists; must have had first-class experience. Also two young ladies for Counter work. Apply, by letter, giving full particulars and salary required, to 10/69, Office of this Paper.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

3s. 6d. for **50** words or less; **6d.** for every **10** words or less beyond, prepaid. The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

CHINA.—One or two thoroughly competent Assistants (ineligible for military service); age 21-30; must have had good experience in high-class Retail business; liberal terms; two years' agreement; passage paid out and home. Address, "China" (205/7), Office of this Paper.

SITUATIONS WANTED.

1s. for 12 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

[HOME.]

RETAIL.

A DOCTOR'S son, 33 (ineligible), experienced, highest credentials, desires post (London), with view to Purchase or Partnership. Apply, 206/1, Office of this Paper.

AS Locum; permanency; references; reasonable terms; disengaged. "Chemist," 14 Sutherland Place, Bayswater.

ASSISTANT; unqualified; age 45; 20 years' experience Dispensing and Counter; disengaged; London or Suburbs only. Apply, E. B., 32 Camden Road, Wanstead, London, E. 11.

CHEMISTS requiring qualified help can obtain services of active elderly Pharmacist as Manager, etc. Offer and particulars to "Salol," 7 Avenue Road, Wallington.

DOCTOR'S Daughter, qualified Dispenser, desires part-time post with Doctor or Institute; London or Ealing. Apply, 202/30, Office of this Paper.

EVENINGS; 5-9 approximately, or later if desired; Saturdays excepted; 35; rejected; M.P.S., F.S.M.C.; experienced Refractionist and Optical Salesman; Dispenser and Manager; London. 204/19, Office of this Paper.

EVENINGS; qualified; first-class experience; at liberty at once. Apply, 206/36, Office of this Paper.

EXPERIENCED Pharmacist, Medallist, Photographic, as Manager or Assistant in good-class business; highest testimonials. "M.P.S.," 81 East Street, Bridport.

IMPROVER; ineligible; private and N.H.I. Dispensing; Counter and Photographic experience; disengaged May 5th. Bluring, 4 Tuns Hill Cottages, Reading.

LADY Dispenser (Hall) requires post; Yorkshire preferred. Bacon, "Heathfield," Buckingham Road, Doncaster.

LADY Dispenser, Hall qualified, Hospital experience, desires post in Manchester. Miss Roberts, Beechwood, Victoria Park, Manchester.

LADY; Counter, Stock, Window Dressing; good saleswoman, full or part time; state salary. A., Noel Park Drug Stores, Salisbury Road, Wood Green.

LADY Dispenser and Bookkeeper desires post with Doctor; permanent or Locum; good experience and good references; please state salary and particulars. Apply 205/24, Office of this Paper.

LADY Dispenser desires post in Public Dispensary; has Nursing experience; London. Miss Marston, 63 Pellatt Grove, Wood Green, N. 22.

LADY (19), Store and N.H.I. experience, desires berth London; Retail or Wholesale. Elliott, 163 Camden Road, N.W.

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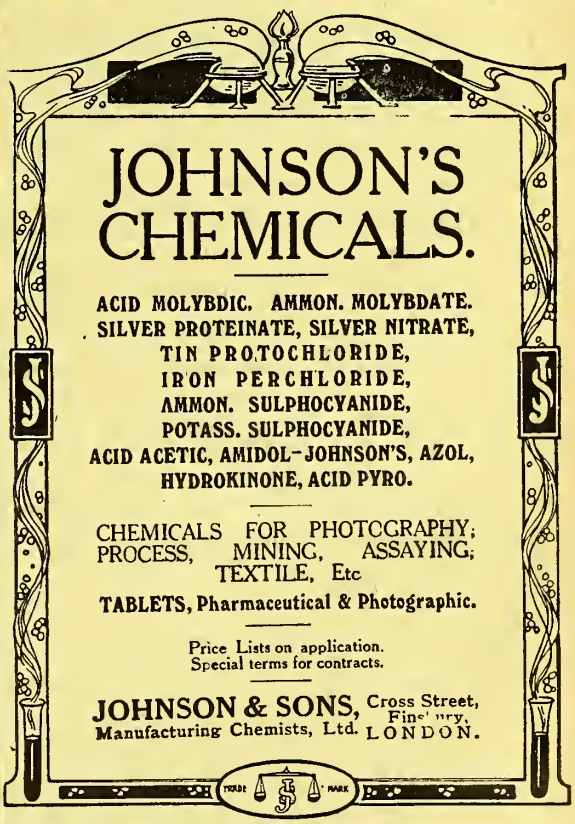

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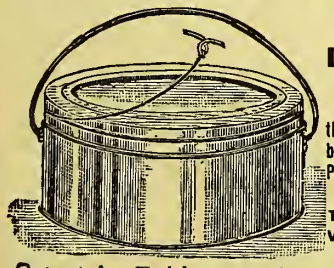

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Fig. 1354.

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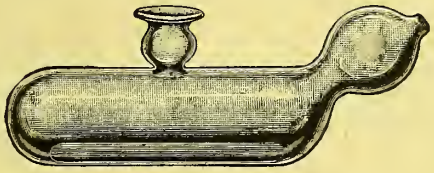

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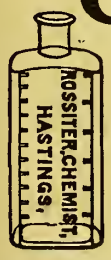

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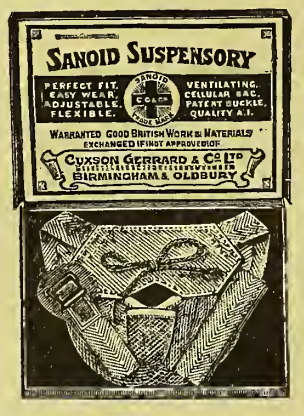

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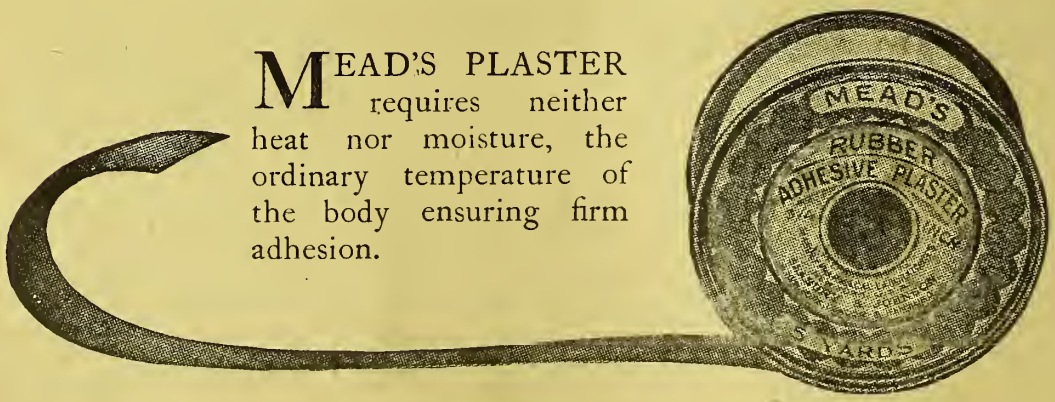
MEAD'S PLASTER requires neither heat nor moisture, the ordinary temperature of the body ensuring firm adhesion.



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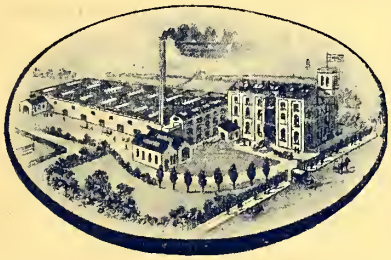

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There are five lines to select from.

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